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ILLUSTRATED

1913 Catalogue

ESTABLISHED 1835

R. B. Dunning & Co. SEEDS

Dairy Supplies, Wooden
Ware, Agricultural
Implements

Nos. 54, 58 and 62
Broad Street

Bangor, Maine

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Established
1835

R. B. Dunning & Co. Incorporated 1897

BANGOR, MAINE

Annual Catalogue 1913

We take pleasure in presenting to our patrons and friends our catalogue for 1913.

We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

In ordering goods please give your Name, Post Office and State in full, being particular to write your name very distinctly.

Remittances can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in Registered Letter.

Orders from unknown correspondents must be accompanied by a remittance or a satisfactory reference.

When ordering seeds by mail postage must always be added at the rate of eight cents per pound, in quantities of one-fourth pound and upwards. Seeds by packet and ounce will be mailed without extra charge.

In shipping we make no charge for delivery to railroads or express companies.

We are thankful for the generous patronage heretofore given and intend to continue to merit the same by exercising the utmost care and fidelity in promoting the interests of our customers.

R. B. DUNNING & CO.

LIBERAL REDUCTION TO CLUBS

Liberal reductions will be made to persons selecting packet seeds from our Catalogue, at the prices named, and will be forwarded, postage free, to any part of the United States.

Those remitting \$1.00 may select seeds in packets, at Catalogue price amounting to \$1.25											
"	"	2.00	"	"	"	"	"	"	"	"	2.50
"	"	3.00	"	"	"	"	"	"	"	"	4.00
"	"	4.00	"	"	"	"	"	"	"	"	5.50
"	"	5.00	"	"	"	"	"	"	"	"	7.00

This reduction is for *packet seeds only*. Seeds when ordered by the *ounce, pound or quart* will not be included.

ESTABLISHED 1835

R. B. Dunning & Co.

Seedsmen

1913

Illustrated and Descriptive Catalogue of
Garden, Field and Grass Seeds, Garden
Tools, Agricultural Implements
Poultry Supplies, Wooden
Ware, Dairy Sup=
plies, Etc.

—Dealers in—

Garden, Field and Grass Seeds, Fertilizers, Land Plaster, Agricultural Lime, Agricultural Implements, Garden Tools, Wooden Ware, Galvanized Iron Ware, Dairy Supplies, Poultry Supplies, Calcine Plaster, Lime, Pulp Plaster, Hair, Cement, Fire Brick, Fire Clay, Sewer Pipe, Chimney Tile, Flue Lining, Wind Mills, Pumps, Pipe and Pipe Fittings, Mill Supplies, Plumbing Supplies.

R. B. Dunning & Co.

Nos. 54, 58 and 62 Broad St.

No. 37 Mercantile Sq.

Bangor = = Maine

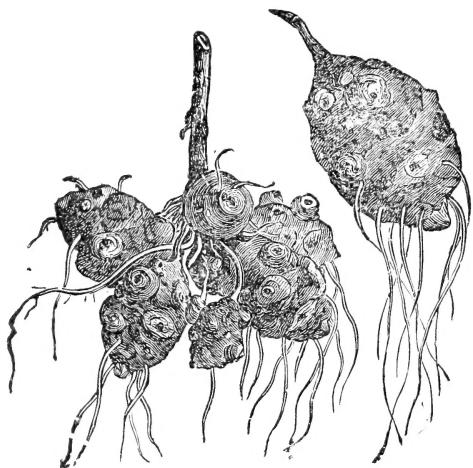
Selected Northern Grown Vegetable Seeds

Seeds sent by mail or express as the purchaser may wish. When ordering to be sent by mail, add postage for Beans and Peas at the rate of 15 cents per quart, to Sweet Corn, 10 cents per quart, and to Flint or Feld Corn, 15 cents per quart to catalogue prices.

Bulk seeds by the pound, if ordered sent by mail, add 8 cents per pound for postage.

Seeds in packets and ounces sent by mail free.

ARTICHOKE--Jerusalem



From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May, in rows three feet apart, and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

Jerusalem Artichoke. Tubers, per quart, 25 cents; per peck, \$1.00; per bushel, \$3.00.

ASPARAGUS

This is one of the first and finest spring relishes which comes to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.



Colossal. Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive, Pkt. oz. $\frac{1}{4}$ lb. 5 .10 .20

BEANS—Dwarf or Bush



Improved Golden Wax Beans

One quart is sufficient for one hundred feet of drill; two bushels for one acre in drills.

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

Beans ordered sent by mail are subject to an extra charge of 15 cents per quart and 8 cents per pint for postage Pints furnished at quart rates.

Burpee's Stringless Pod Bush Beans. The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp, tender flavor. All are absolutely stringless, and of a beautiful fleshy appearance. It is very early and very prolific.....

Dwarf Horticultural. A fine, early shell bean.....

Improved Goddard or Boston Favorite. A fine shell bean, very similar to the Dwarf Horticultural, but much larger.

• A great favorite throughout this section as a shell bean for market gardeners as it matures earlier than the large pole varieties.....

Currie's Rust Proof. Straight, yellow, stringless pod. Unsurpassed for quality.....

Improved Golden Wax. An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof.....

Davis Kidney Wax. This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear, waxy, white color and handsome, often growing to a length of seven to eight inches, and when fit for use, are quite stringless and of fine flavor.....

Wardwell's Kidney Wax. Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy-yellow. Very attractive market sort. Beans large, kidney shaped, white and dark markings about the eye. First-class snap bean, and a good one for winter....

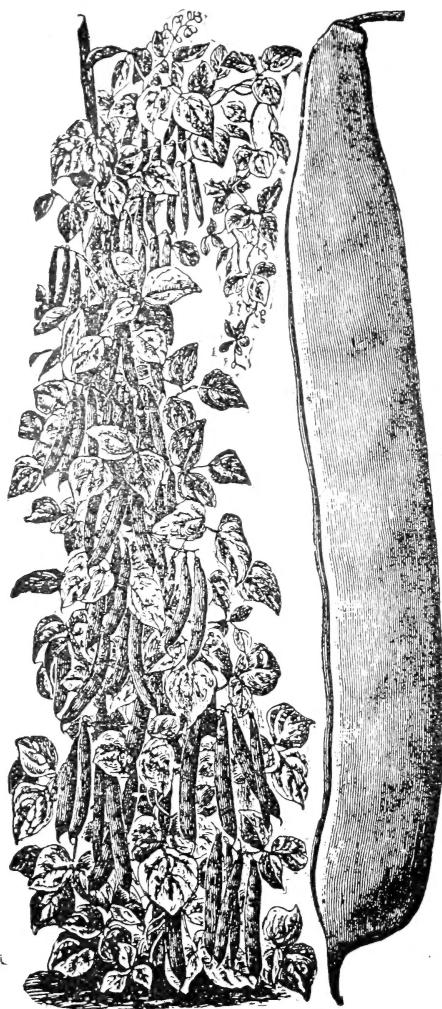
Early Mohawk. Very early, hardy and productive. Large, flat, dark green pods, five to six inches in length.....

Low's Champion. One of the best for either snap or shell beans. Very productive; large, green, flat pods.....

Refugee Wax. Long, round, yellow wax pods, very productive, and not inclined to rust.....

	Qt.	Pk.	Bu.
	.25	1.75	6.00
	.20	1.25	4.50
	.20	1.50	5.25
	.20	1.50	5.50
	.20	1.50	5.75
	.25	1.75	6.00
	.25	1.75	6.25
	.20	1.50	5.50
	.25	1.75	6.00
	.25	1.75	6.00

Long Yellow Six Weeks. Hardy and prolific, an excellent early string bean; pods green.....	.20	1.25	4.75
Yellow Eye. (Old Fashioned). Very productive; not as large as the improved, but of better quality for baking...	.20	1.15	4.25
Improved Yellow Eye. Very prolific; fine for baking.....	.20	1.10	4.00
Improved White Pea. Excellent for baking.....	.20	1.15	4.25



Lazy Wives. Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wives. Excellent for shelling or baking.....

Red Cranberry. Small, round, green pods, almost stringless, very tender. One of the best for a string bean.....

	Qt.	Pk.	Bu.
Long Yellow Six Weeks. Hardy and prolific, an excellent early string bean; pods green.....	.20	1.25	4.75
Yellow Eye. (Old Fashioned). Very productive; not as large as the improved, but of better quality for baking...	.20	1.15	4.25
Improved Yellow Eye. Very prolific; fine for baking.....	.20	1.10	4.00

BEANS—Pole or Running

One quart will plant one hundred hills, ten to twelve quarts to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Beans ordered sent by mail are subject to an extra charge of 15c per quart for postage, pints furnished at quart rates.

Horticultural Pole. Qt. Pk. Bu.

The most popular variety for both string and shell beans25 1.75 6.00

Mammoth Horticultural. An improvement over the common Horticultural, being very much larger and much more productive. As a market shell bean, it has no equal, .30 2.00 7.50

Indian Chief or Black Wax. A very tender string bean.... .25 1.75 6.50

Mont d'Or, or Golden Butter. Earliest of the wax pole varieties, unsurpassed in quality25 1.75 6.25

Lazy Wives. Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wives. Excellent for shelling or baking.....	.25	1.75	6.75
Red Cranberry. Small, round, green pods, almost stringless, very tender. One of the best for a string bean.....	.30	—	—

KENTUCKY WONDER or Old Homestead



Kentucky Wonder Beans

Scarlet Runner. Very ornamental, free climber with bright scarlet flowers...

Pkt. Qt. Pk.
.10 .30 1.75

White Dutch Runners.

Large, white flowers; often planted with the scarlet variety; the effect is very beautiful.....

.10 .30 1.75

BEETS

One ounce to fifty feet of drill; six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.

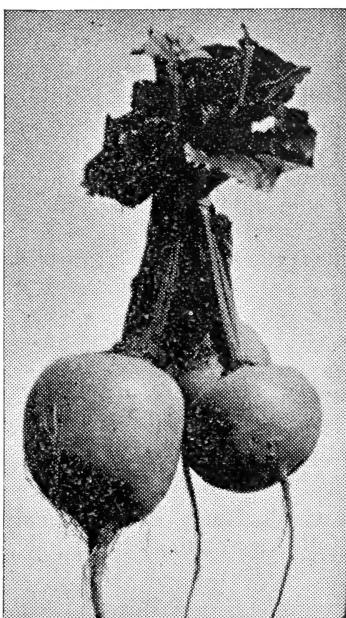
A very prolific sort producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans. One of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance...

Qt. Pk. Bu.
.25 1.75 6.25

Early Jersey Lima.

Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried, we found this to be the most desirable sort for this climate.....

.30 2.00 7.00



Detroit Dark Red Beet

Perfection

Early Blood Turnip Beet.
 This beet is the result of years of careful selection. It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood red color, very crisp, tender and sweet. It is equally good for the market or home garden, as it is an excellent keeper, as well as being very

Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 early 5 .15 .40 1.50

Detroit Dark Red Beet.

As early as

Crosby's Egyptian, with flesh a very dark, intense red. Tops small, roots globular or ovoid; very tender and sweet; good keeper. An early beet of the finest quality for either

Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 home or market use 5 .15 .40 1.50

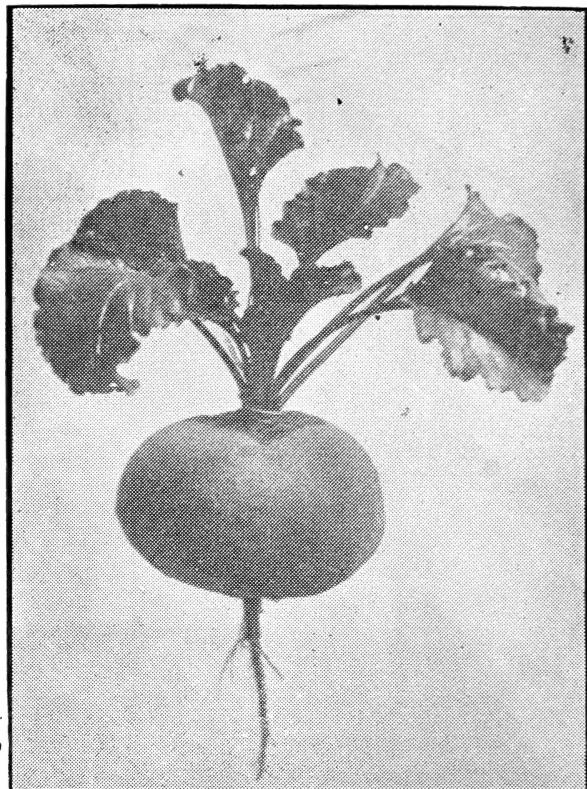
Dirigo Extra Early. Originated with a leading market gardener and was brought to perfection after years of careful cultivation. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap root being very small 5 .15 .40 1.50

Crosby's Egyptian. This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sort for early planting as it reaches a usable size sooner than any other sort 5 .15 .35 1.00

Eclipse. This variety is about as early as the Egyptian, but of larger and finer quality 5 .15 .35 1.25

Bastian's Early Blood Turnip. Larger than the Egyptian and follows it and the Eclipse in point of earliness; not so dark in color 5 .15 .35 1.25

Dewings Blood Turnip. Of fine form and flavor; and deep blood red; a desirable variety 5 .15 .35 1.25

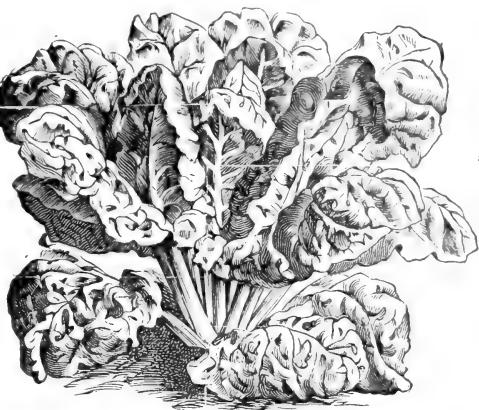


Long Smooth Blood

Red. This is a long, smooth beet, growing to good size 5 .10 .35 1.25

Edmand's Early Blood

Turnip. The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen 5 .15 .35 1.25

Swiss Chard. Used for greens..... 5 .10 .35 1.25

Swiss Chard Beet

SUGAR BEETS and MANGEL WURZELS

Varieties Grown for Feeding Stock (Sown in May or Early in June), Six Pounds Per Acre.

Danish Sludstrup. This

wonderful new mangel is of Danish origin and has repeatedly been awarded a first-class certificate by the Danish government on account of the larger yield per acre and the greater feeding value, per ton, over other well known standard varieties. It has a long, reddish-yellow root, growing well above the ground, and on that account is very easily harvested. Tried with six standard, well-known varieties of Mangels by us, we found that the Sludstrup gave a far greater yield. We think this is the best Mangel ever introduced

oz. $\frac{1}{4}$ lb. Lb.
.10 .20 .60

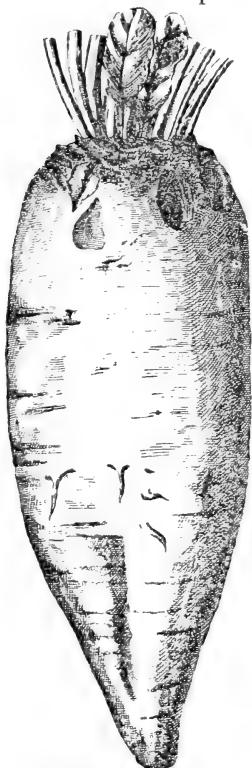
Giant Feeding Sugar. A cross of the Mammoth Red Mangel and Improved Sugar Beet. Roots large, long and smooth, and of a beautiful light rose tint. Yields nearly as large a crop as the Mangels, and supplies a food of very much higher nutritive value. The roots grow partly out of the ground and can be harvested very easily.....

.10 .15 .50

Lane's Improved Sugar. A well known variety; valuable for feeding to cattle.....

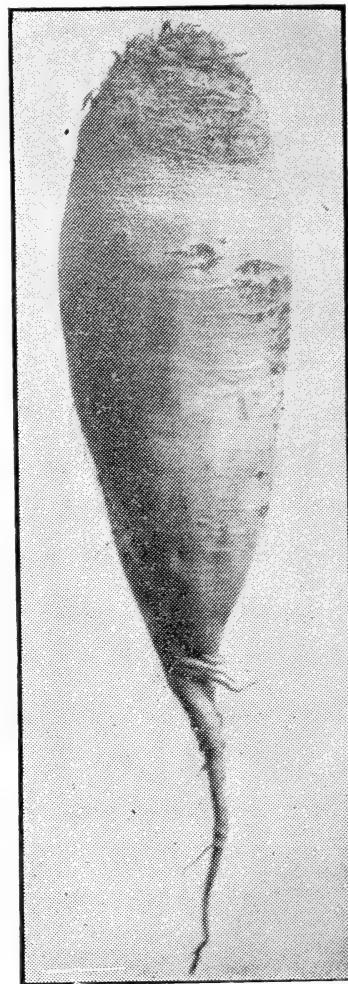
.10 .15 .50

Giant Yellow Intermediate. This variety grows more than half above the ground, and is a russet, yellow color. The root is ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much

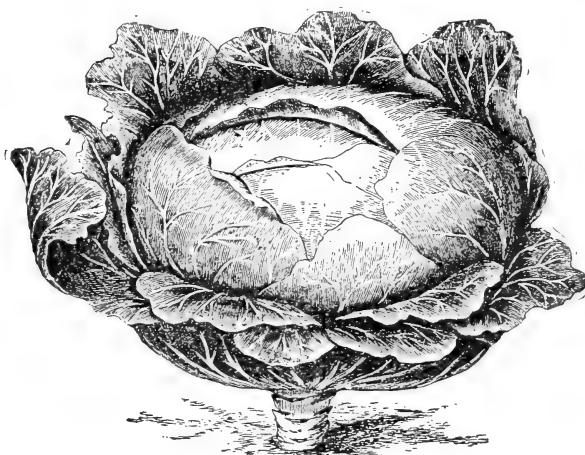
Danish Sludstrup
Mangel Wurzel

color. The root is ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much

	oz.	1/2 lb.	Lb.
liked by cattle. Produces enormous crops and a good keeper .....	.10	.15	.50
Yellow Globe Mangel Wurzel. Roots of large size, and globular form; very productive .....	.10	.15	.50
Improved Mammoth Long Red Mangel Wurzel. A variety producing roots of mammoth size .....	.10	.15	.45
Golden Tankard. A half long variety of a bright yellow color .....	.10	.15	.50
Norbiton Giant Mangel Wurzel. Extra fine Long Red, very large.....	.10	.15	.45
Giant Red Eckendoff. A very popular Danish variety of mangel of a square chunky type. It is very valuable, not only for its high feeding value, but also for its phenomenal yields. As the greater portion of the root grows above the surface of the soil, they are easily harvested, and their chunkiness prevents their breaking in handling. We consider this one of the best varieties....	.10	.15	.50
Giant Yellow Eckendoff. Very similar to the Giant Red Eckendoff, except it is of a rich yellow color .....	.10	.15	.50



Giant Feeding Sugar Beet



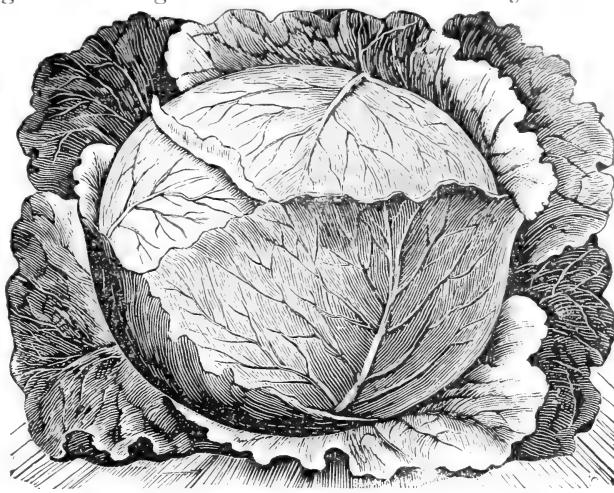
Early Spring Cabbage

CABBAGE

One ounce will produce about three thousand plants.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full-sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be

sown very early in the spring, in hotbeds, or later in the open ground.	Pkt.	Oz.	1/4lb.
Eighteen inches by three feet apart is the common distance.			
Early Winningstadt. An excellent sort; heads of large size.....	5	.20	.60
Early Jersey Wakefield. This is the standard early pointed-head cabbage. For the market garden it is the best, and for early home use all should have it.....	5	.20	.50
Henderson's Early Summer. The standard summer variety. Unexcelled for the market garden and good for home use.....	5	.20	.60
Early Spring. The only Extra Early Round, Flatheaded Cabbage in the world. Coming in with the Wakefield, and yielding one-third more than any other Extra Early. This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted twenty-one inches apart, 14,500 to the acre. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size	Pkt.	Oz.	1/4lb.
Danish Summer Ballhead. This is a very early, large, very firm and heavy headed cabbage. Heads ball-shaped and of splendid appearance. A very sure header and one of the very best for the early market garden	10	.40	1.25
Premium Flat Dutch. The old standard variety for main crop. It has long stood the test and is yet one of the best..	5	.20	.60
Stone-Mason Drumhead. One of the very best for a main crop	5	.20	.60
Deep Head. An early strain of the Flat Dutch type. The plant is rather below medium size; very short stemmed and few leaved. The leaves are large, broad and quite thick. The head is oval and very large for size of plant, solid and of good quality. It matures just after the All Seasons' Cabbage and is very popular with gardeners	5	.20	.60
All Seasons' Cabbage. Early; solid and sure headed.....	5	.20	.60
Fottler's Improved Brunswick. An excellent early Drumhead variety; produces a firm and solid head	5	.20	.65
Henderson's Succession. One of the finest for a second early or late sort.....	5	.20	.60
Autumn King. Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage and has such small outer leaves that it			

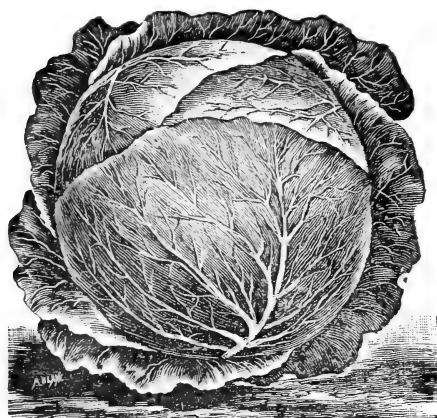


Fottler's Improved Brunswick Cabbage

can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight

of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crimped leaf, which not only adds to its appearance, but enables it to be distinguished anywhere

Pkt. oz. $\frac{1}{4}$ lb.
5 .20 .60



Sure Head Cabbage

Sure Head. Produces large, round, flattened heads of The Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and, ordinarily weight from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers

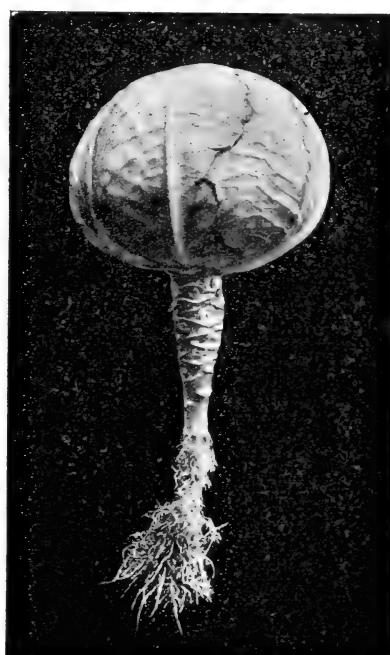
5 .20 .60
5 .25 .75

Danish Ball Head. An extremely hardy, imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and seller. It is medium to late, but is generally grown as a late crop. Heads are not extra large and without many outer leaves. It is the best cabbage to raise where it is sold by weight, as its solidity is not equalled by any other cabbage grown.....

Pkt. oz. $\frac{1}{4}$ lb.
5 .25 .75

Danish Round Head. One of the best varieties of cabbage ever imported. Very similar to the Danish Ball Head, but of larger growth and embodies all its good qualities.....

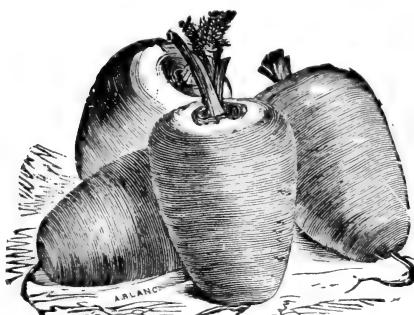
5 .25 .85



Danish Ball Head Cabbage

CARROTS

One ounce to one hundred feet of drill; three to four pounds to the acre.



Ox Heart Carrots

Early French Forcing.

The earliest variety in cultivation and the best suited for forcing and early market gardening. Tops, small and divided. The roots are a red-dish orange color and nearly round. When fully matured, they are about two inches in diameter.

Pkt. Oz. $\frac{1}{4}$ lb. Lb. 5 .20 .60 2.00

Danvers' Half Long.

In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows

Pkt. Oz. $\frac{1}{4}$ lb. Lb. 5 .20 .50 1.50

Very smooth. Very productive. 5 .20 .50 1.50

Long Orange. Roots of large size, heavy cropper and excellent keeper. 5 .20 .50 1.50

New Ox Heart. A very early and heavy yielder. Thick and short in form, scarlet in color. 5 .20 .50 1.60

Long White Belgium. Large, long rooted variety; valuable for feeding stock 5 .15 .40 1.25

CAULIFLOWER

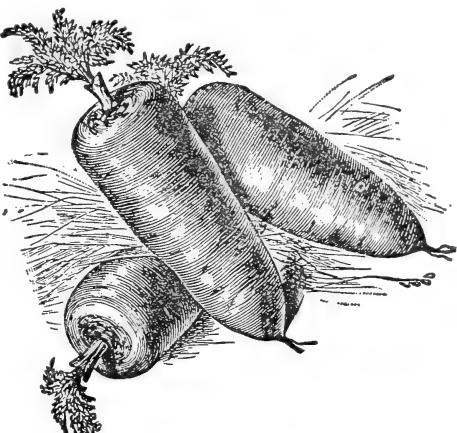
One ounce will produce about three thousand plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid.

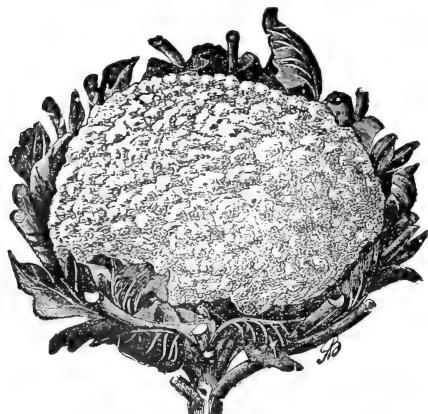
The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.



French Forcing Carrots



Danvers Half Long Carrot

**Henderson's Early Snowball Cauliflower**

out in a well prepared bed, which must be covered in frosty weather. For the principal crop, sow early in spring, very shallow in the seedbed, and when the plants are about six inches high, transplant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

Boston Market. A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well..... 5 .20

Henderson's White Plume. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching 5 .20

Golden Self-Bleaching. A self-bleaching early golden colored variety that is very popular 5 6c

CORN—Sweet

One quart to two hundred hills, ten quarts to an acre.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well manured ground, in hills three feet apart, each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way leaving three plants to a hill.

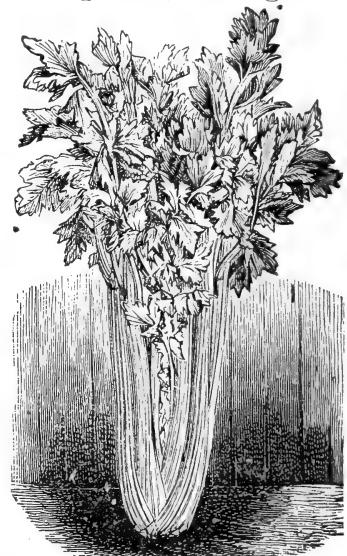
Early Gem Sweet Corn. Extremely early, of superior quality and one of the first to mature. This corn has a medium-sized white ear, with rich, tender kernels. It is from seven to ten days earlier than the Cory and far superior in quality..... 10 .30 2.00 7.00

	Pkt.	Oz.
Henderson's Early Snowball. A very reliable early variety .....	.10	2.00
Early Favorite. One of the best early varieties, very hardy, easily grown and will head under conditions in which many sorts will fail. Heads large, solid, crisp, and tender.....	5	1.00

CELERY

One ounce of seed produces about four thousand plants.

To have celery early, it should be sown in a hotbed quite early in the spring, and when three inches high plant the seedlings, and when three inches high plant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

**Golden Self-Bleaching Celery**

**Golden Bantam
Sweet Corn.**

This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. The stalks grow about five feet high and are very vigorous, bearing two to three well-filled ears on each stalk. It matures a few days earlier than the early Crosby

Pkt. Qt. Pk. Bu.
5 .25 1.25 4.50

Holmes' Premo. A very early sweet corn. The stalks grow about five feet high. Ears



Early Gem Sweet Corn

medium size and well filled. Kernels white and of excellent flavor. One of the best early varieties grown.

Pkt. Qt. Pk. Bu.
5 .20 1.25 4.00

Early Cory. (Red Cob). A very early dwarf variety, an excellent sort, sweet and good flavor.

5 .20 1.25 4.00

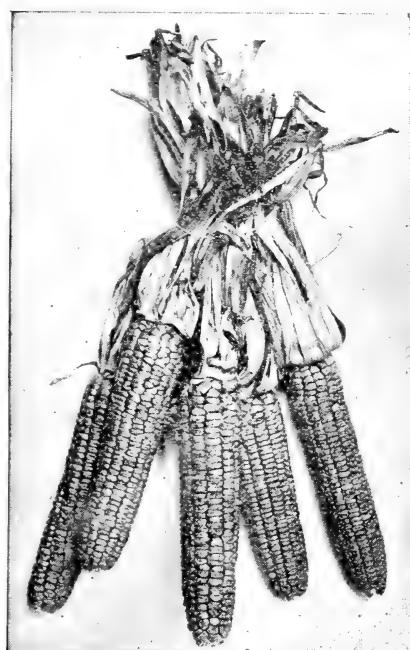
White Cory. Similar to the above, but with white cob and white kernels

5 .20 1.25 4.50

Early Crosby. Not so early as the Cory or Early Gem; of very rich, sugary flavor.

5 .20 1.25 4.00

Late Crosby. This resembles the Early Crosby. It has the same rich, sugary



Golden Bantam Sweet Corn

flavor. Ears large and well filled. Kernels white. About one week later than the Early Crosby. One of the best medium late table and market varieties ever introduced...

Pkt. Qt. Pk. Bu.
5 .20 1.25 4.00

Extra Early Evergreen. This is a strain of this late variety of sweet corn that will mature in this climate. We have been troubled in the past by our Evergreen Sweet Corn not maturing, owing to the short season in this section. We have tried this strain for the past few seasons and have been very much pleased with it. All lovers of sweet corn should not fail to try this variety. It is very large and deep kernelled with a sweet, sugary flavor.....

5 .20 1.25 4.00

Black Mexican. Grain bluish black, but is especially rich in sugar qualities.....

5 .20 1.25 4.00

Sweet Corn ordered sent by mail is subject to an extra charge of ten cents per quart and five cents per pint for postage. Pints furnished at quart rates.

CORN—Field

Extra Early Yellow Canada. This is a very early eight-rowed variety, which we have secured after years of careful selection. Produces large, long, well-filled, golden ears; very prolific.....

Qt. Pk. Bu.
.10 .60 2.00

If ordered sent by mail add fifteen cents per quart and eight cents per pint for postage.

Red Cob Ensilage. A pure, white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves.....

Qt. Pk. Bu.
.10 .40 1.50

Evergreen Sweet Fodder. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Also popular as a silo variety.....

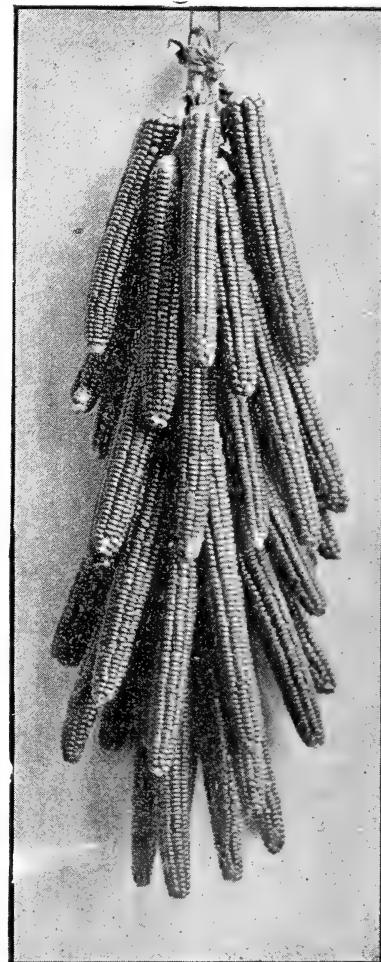
.10 .50 1.90

Early Sanford. A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and, if planted early, will come to maturity.....

.10 .45 1.60

Leaming. An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder

.10 .40 1.50



Early Yellow Canada Corn

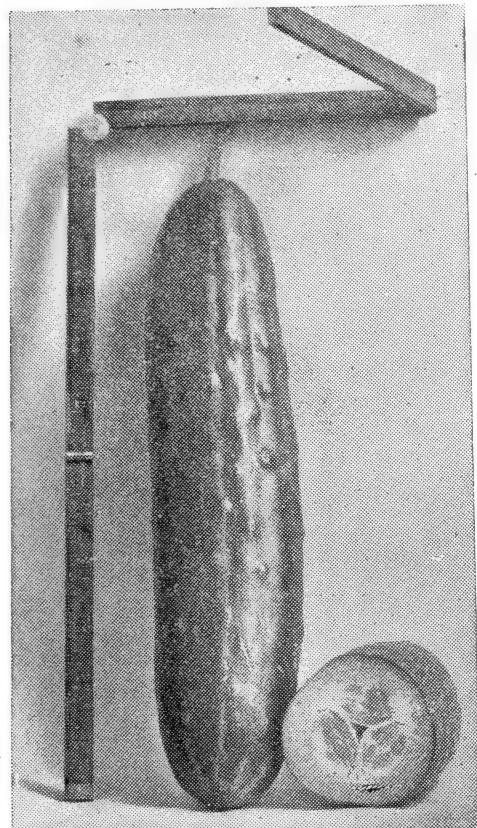
Black Rice Pop Corn. Very early. Excellent for popping. On the cob, price per ear, 3 cents each; per lb., 10 cents.

In ordering corn in quantities of 1-2 bushel or over, add 20c for bags capable of holding 2 bushels each.

CRESS OR PEPPER GRASS

A well known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

Double Curled. Very fine; may be cut two or three times..... 5 .15



Japanese Climbing Cucumber

Nichols' Medium

Green. This is a very fine table variety, and also good for early forcing. Color dark green; flesh, very crisp; very prolific and always straight,



Improved White Spine Cucumber

CUCUMBER

One ounce to fifty hills.

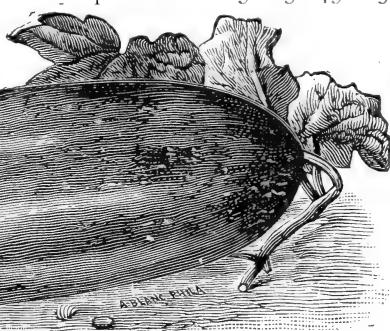
The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is passed, leave but three or four of the strongest plants in the hill.

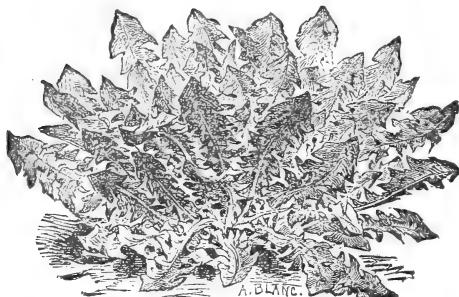
Japanese Climbing

in. A distinct and valuable variety, quickly climbing poles or trellis, taking up less room in the garden and keeping the fruit up from the ground and clean. It produces very long, round, crisp fruit of fine flavor and is

Pkt. Oz. $\frac{1}{2}$ lb. Lb. very prolific.... 5 .15 .45 1.50



smooth and handsome. It also makes a very desirable sort for pickles	Pkt. oz. 5	10	.30	1.00
Early Russian. The earliest variety.....	5	10	.25	.75
Early Frame. An early standard variety; about five inches long	5	10	.30	1.00
Improved White Spine. Superior for table use, very productive, medium sized, straight and well formed.....	5	10	.25	.75
Early Green Cluster. Grows in clusters, early and productive	5	10	.30	1.00
Improved Long Green. Long and crisp; a popular and reliable variety for pickles.....	5	10	.25	.75
Boston Pickling. The finest variety to grow for pickles.....	5	10	.25	.75



Improved Thick-Leaved Dandelion

DANDELION

One ounce to one hundred ft. of drill.

The Dandelion resembles Endive, and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-four of an inch deep, the earth firmly pressed over the seed.

Improved Thick-leaved. Pkt. oz. 5lb.
Best variety..... 10 .50 1.60

ENDIVE

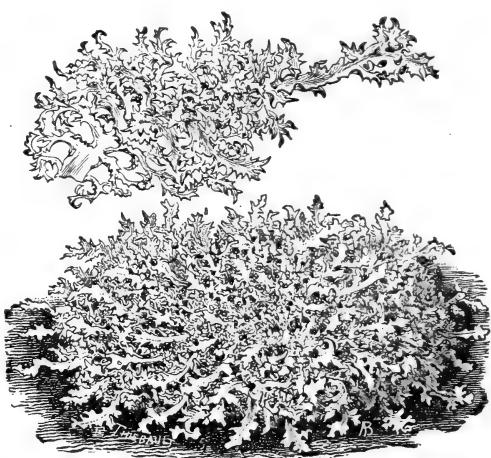
One ounce to one hundred and fifty feet of drill.

Endive may be grown at any season of the year, but is more generally used late in the fall. Sow the seed during May or June, in drills, fourteen inches apart, and when well established, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.

Green Curled. This is the hardiest variety, and very desirable for the home and market garden. The deep, green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored.....

White Curled. By far the most beautiful variety. Plants moderately dense, with divided leaves, which are coarser and less tender than those of the Green Curled; but even the outer leaves are very light colored, frequently white, so that the plant is very attractive and always brings the highest price on the market.....

Pkt. oz.
5 .20



Green Curled Endive

Pkt. oz.
5 .20

LEEK

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goosequill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to

them when cultivating, so that they may be well blanched by the time they are fit for use.

London Flag. It is the variety more cultivated in this country than any other. It is hardy and of good quality Pkt. Oz. $\frac{1}{4}$ lb. 5 .20 .60

LETTUCE

One ounce to one hundred and twenty feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hot-beds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July.

Lettuce should always be transplanted in order to make it head well.



London Flag Leek

Early Tennisball. White seeded. Extensively grown for forcing and heading under glass, heads firm and good size; very white and crisp Pkt. Oz. $\frac{1}{4}$ lb. 5 .15 .50

Early Tennisball. Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender, 5 .15 .50

Boston Curled. A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table 5 .15 .50

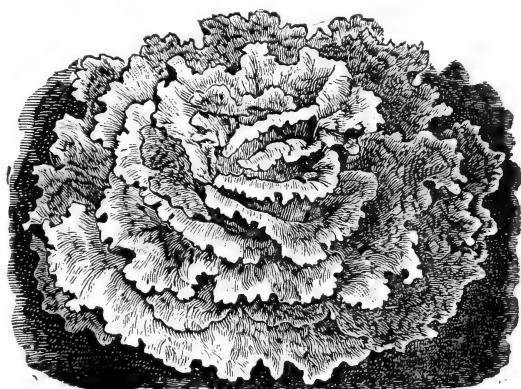
Improved Hanson.

Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled Pkt. Oz. $\frac{1}{4}$ lb. 5 .20 .60

New Sensation.

This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners.

No other lettuce thrives so well when grown at any season of the year, withstanding the hottest weather in a remarkable degree. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform,



Big Boston Lettuce

handsome and even growth is unequalled and is	5	Pkt.	Oz.	$\frac{1}{4}$ lb.
easiest to grow.....	.20	.60		
Black Seeded Simpson. Heads very large with light colored leaves; leaves being almost white and beautifully curled.				
Stands summer heat splendidly and remains long fit for use,	5	.15	.50	
Ferry's Early Prize Head. Forms a large, tender and crisp mass of leaves of superior flavor and very hardy. Slow to run to seed and does not become bitter as early as many other sorts.....	5	.15	.50	
Big Boston. This is a new, very large strain of White Tennisball or Boston Lettuce excelling all other strains in size; of great value to market gardeners	5	.15	.50	
White Cabbage. Large, extra tender, and is a good keeper..	5	.15	.50	

MELON—Musk

One ounce for sixty hills; two to three pounds for an acre.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past, plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants in each hill.

Nutmeg. Named from its shape; flesh green and sweet

Pkt. Oz. $\frac{1}{4}$ lb.
5 .10 .25

Large, Round, Yellow

Cantaloupe. Flesh reddish orange, sweet and of good flavor; an early and productive variety

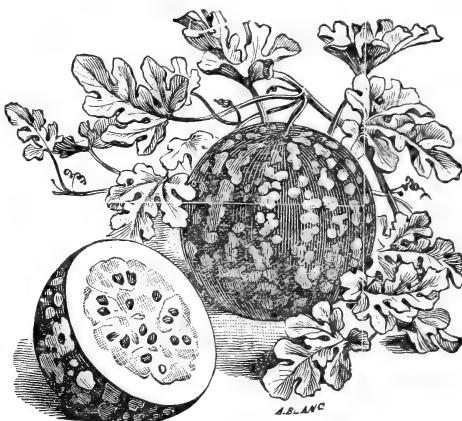
5 .10 .25

Miller's Cream. This is one of the finest, all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality.....

Pkt. Oz. $\frac{1}{4}$ lb.
5 .10 .25

Extra Early Hackensack. A green-fleshed nutmeg of splendid quality. It is very early and a prolific bearer.....

5 .10 .25



Citron Preserving Melon

MELON—Water

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

Pkt. Oz. $\frac{1}{4}$ lb.

Vick's Early. Productive, early and finely flavored; red flesh. 5 .10 .25

Mountain Sweet. One of the best for general culture..... 5 .10 .25

Citron. The standard variety for preserves

5 .10 .25

MUSTARD

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

White London. The leaves are light green, mild and tender when young; seed light yellow.....

Pkt. Oz. $\frac{1}{4}$ lb.
5 .10 .25

ONION

One ounce to one hundred feet of drill; five pounds to the acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart, and cover about one-third of an inch, treading or rolling, after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

Large Red Wethersfield.

Large size, productive and Pkt. Oz. $\frac{1}{4}$ lb. Lb. a good keeper..... 5 .20 .60 1.75

Extra Early Red Globe. A

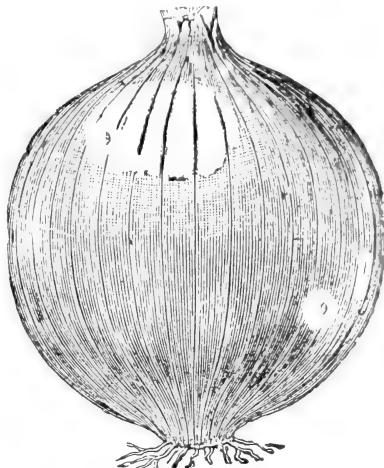
very early variety of medium size and deep red color; an abundant producer and Pkt. Oz. $\frac{1}{4}$ lb. Lb. of good form and flavor, keeping well 5 .20 .60 1.75

Yellow Globe Danvers.—Extra choice. Maine grown seed.

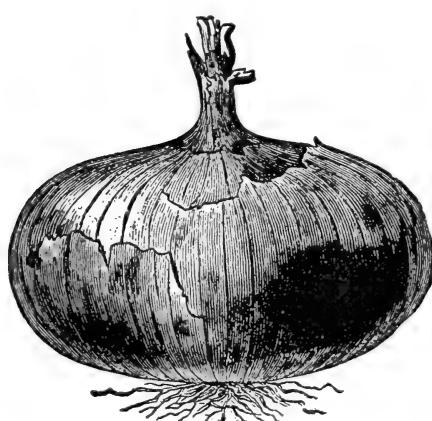
This is far superior to the western grown seed as it is much earlier and is better adapted to our climate. It is sure to produce a good crop. The most profitable variety for the market gardener..... 5 .20 .75 2.50

Yellow Globe Danvers. The most profitable variety to raise,

very productive, a good keeper, of mild flavor, and always meets with ready sale..... 5 .15 .50 1.50



Yellow Globe Danvers Onion



Large Red Wethersfield

tract marked attention. The variety is without doubt the largest onion grown, samples under special culture, sometimes weighing five pounds..... 5 .20 .75 2.25

American Silver Skin.

Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young; also for market in early winter..... 5 .20 .60 2.25

Prize Taker. This is one

of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff neck, and when offered for sale always at

tract marked attention. The variety is without doubt the largest onion grown, samples under special culture, sometimes weighing five pounds..... 5 .20 .75 2.25



Onion Sets ordered by mail are subject to an extra charge of ten cents a quart for postage.

	Per Qt.	Per Pk.	Per Qt.	Per Pk.
White Sets.....	.25	1.75	Potato Onion Sets.....	.20 1.00
Yellow Sets.....	.20	1.50		

For larger quantities prices will be given on application.

PARSLEY

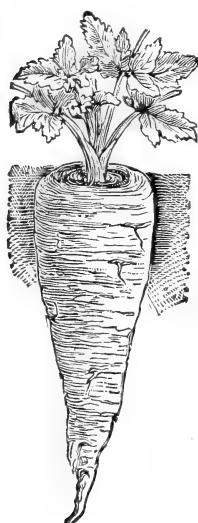
One ounce to one hundred and fifty feet of drill.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

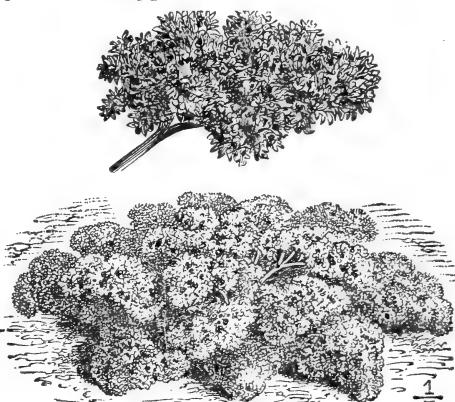
	Pkt.	Oz.	1/4lb.
Double Curled.....	5	.10	.25

PARSNIP

One ounce for two hundred feet of drill; five pounds to the acre.



Abbott's Improved Parsnip



Doubled Curled Parsley

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep, when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Abbott's Improved, or Long Smooth.

	Pkt.	Oz.	1/4lb.	Lb.
best .....				.50

PEAS

NOTICE. Owing to the unfavorable climatic conditions throughout all the pea growing sections last season, there is a great shortage in seed peas.

While our stocks are larger than they have been for years we would recommend when sending us your orders to advise us to substitute some other variety, in case we are sold out of variety ordered.

Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

One quart to seventy-five feet of drill; two to three bushels to the acre.

Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the varieties, the soil cannot be too rich. For general crop the ground should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

Peas ordered sent by mail are subject to an extra charge of fifteen cents per quart and eight cents per pint for postage. Pints furnished at quart rates.

EXTRA EARLY VARIETIES

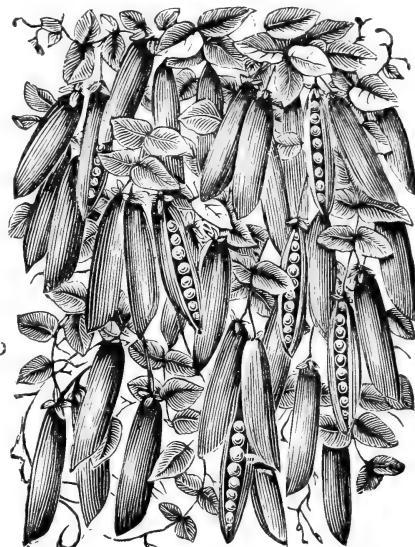
Sutton's Excelsior. A dwarf, early, wrinkled variety, height about 15 inches, pods large and well filled; a very heavy yielder and of delicious flavor. In habit and growth it resembles the Nott's Excelsior, but is more prolific and has larger pods. This is without doubt the best early, dwarf pea on the market

Qt. Pk. Bu.
35 2.50 9.00

Gradus or Prosperity. A new, very large, extra early variety of wrinkled pea. The most desirable sort for the home and early market garden, large podded and of splendid quality. The vines grow about three feet high and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties. The peas are very large of splendid quality and beautiful color.....

Thomas Laxton. A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, harder and more productive. Pods large and long, similar to, but larger than those of the Champion of England, and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. This pea has only to be known to become one of the most popular sort for the market and home garden, as it is one of the very best varieties yet produced.....

Cleveland's Eclipse. The earliest and most productive pea as compared with the hitherto earliest known pea on



Sutton's Excelsior Peas

Qt. Pk. Bu.
40 3.00 11.00

40 3.00 11.00

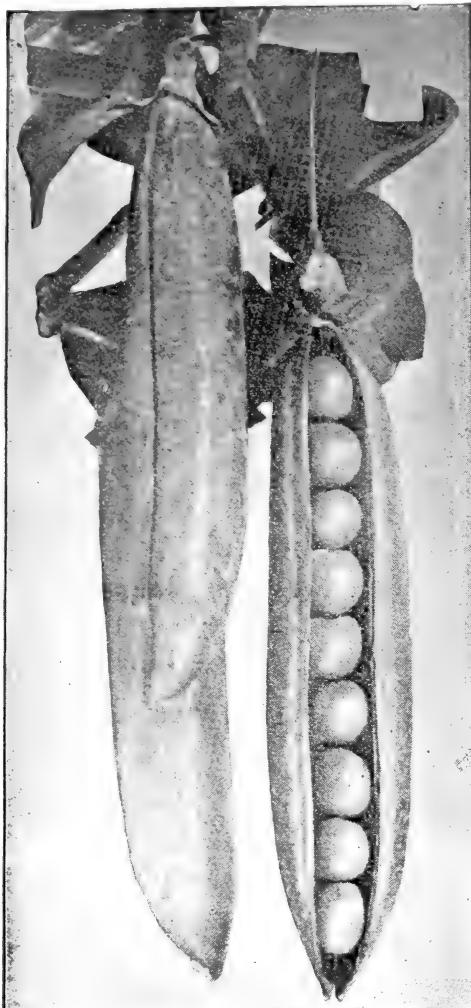
	Qt.	Pk.	Bu.
record. Grows about two feet high, seed green, wrinkled. Smaller than the American Wonder, the pods of which it resembles. Pods true American Wonder in shape and size. A most desirable sort for canners, market gardeners or private family use.....	.30	2.25	8.50
Cleveland's Alaska. A very early variety, smooth, blue, prolific and sweet. Height two feet; very desirable for early market gardening.....	.25	1.75	6.50
Nott's Excelsior. One of the most valuable of all the wrinkled, dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper.....	.30	2.25	8.00
Bliss' American Wonder. One of the earliest and best known wrinkled, dwarf varieties, grows about nine inches high, and is covered with well filled pods.....	.30	2.25	8.00
Premium Gem. A dwarf, prolific, green, wrinkled marrow, very early; about twelve inches high .....	.30	2.25	8.00

SECOND EARLY VARIETIES

Bliss' Abundance. As the name implies, this is a heavy yielding variety and is a capital sort for the family garden, as in addition to its yielding capacity, it possesses great sweetness and general fine table qualities. Vines from 2 to 2½ feet high of strong vigorous growth.....	.30	2.25	8.00
Horsford's Market Garden. A very fine second-early green, wrinkled variety, not only good for family gardens, but especially for market garden purposes. Vines about two feet high; exceedingly prolific; pods are of medium size and are well filled with peas of finest flavor.	.30	2.25	8.00
Dwarf Telephone. A new variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous, with almost no tendency to sport, and from five to seven days earlier than the Stratagem. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor.....	Crop a Failure		
Pride of the Market. Grows from eighteen inches to two feet high, and bears grand pods, well filled with large and finely flavored peas. Its robust constitution, enormous productiveness and superior appearance, insure its acceptance as a market favorite.....	.35	2.50	8.50
Bliss' Everbearing. Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high.....	.30	2.25	8.00

FOR GENERAL CROP

Admiral Dewey. A new variety, and is, without exception, the largest podded and best yielding pea yet introduced. The pods sometimes measure six inches and are very plump and well filled with eleven to twelve very tender, large peas of excellent flavor. The foliage, vine and pod are of a dark, rich green, and are remarkably



Dark Podded Telephone Peas

vigorous and healthy; height about three and one-half feet.....	Q. L. Pk.	Bu.	30	2.25	8.50
Dark Podded Telephone. This new variety is a great improvement on the Carter's Telephone, both for purity and uniformity, showing no tendency to small, late pods. It grows to a height of about four feet with a strong, healthy vine, bearing extremely large, dark green pods, which contain large peas of the very finest quality. For fancy market garden trade, it has no equal as it is not only very attractive in appearance, but of the finest quality.....	30	2.25	8.00		
Improved Telephone. A wrinkled variety of superior quality. It produces an abundance of large, handsome pods, filled with immense peas which are tender, sweet and of excellent flavor; grows about three feet high....	30	2.25	8.00		
Long Island Mammoth. Also called Telegraph. A tall growing late sort, bearing very large handsome pods, well filled. The peas are large and not so wrinkled as many of the large, late varieties; of excellent quality and flavor.....	35	2.50	8.50		
Duke of Albany, or American Champion. One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor.....	30	2.25	8.00		
Improved Stratagem. A dwarf wrinkled pea of branching habit. The pods are of immense size, very uniformly filled with very dark green peas of the finest quality; an immense cropper. Grows about two feet high	35	2.50	9.00		

Champion of England. Universally admitted to be one of the richest and best flavored peas grown; grows five feet high..... 30 2.25 8.00

Yorkshire Hero. A green, wrinkled variety of branching habit; very productive and fine flavor; grows about two and one-half feet high..... 30 2.25 8.00

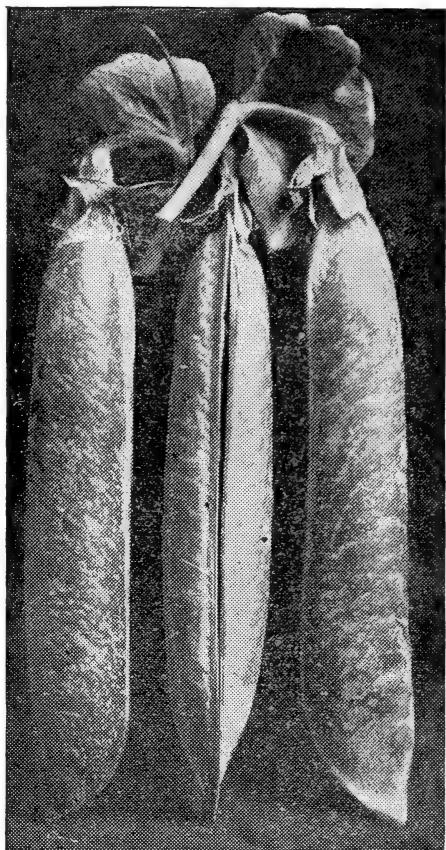
Dwarf Champion. Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high 30 2.25 8.00

White Marrowfat. One of the best late varieties; very productive 20 1.25 4.00

Black-eyed Marrowfat. An excellent field pea, hardy and productive.... 20 1.25 4.00

Canada Field. Extensively used for field culture..... — .75 2.75

Tall Gray Sugar. A very superior variety of the edible pod sort. Pods very tender and sweet Crop a Failure.



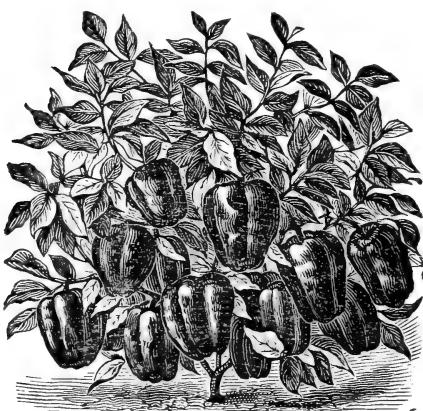
Duke of Albany Peas

PEPPER

One ounce will produce fifteen hundred plants.

Grown largely for pickles. Sow in the hotbed early in April, and transplant into the open ground when the weather is favorable. The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is past, and the soil is dry and warm. Cultivate in the usual manner and the crop will be fit for use early in September.

Large Bell. Large and of mild flavor..... 5 .30



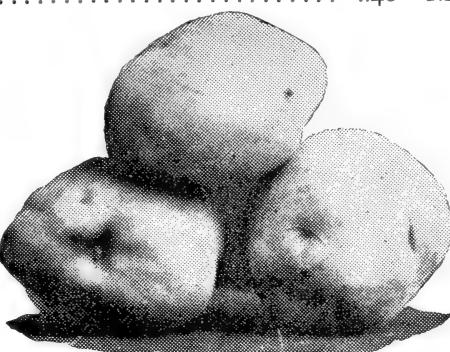
Bell Pepper

SEED POTATOES

**Early Dew Drop Potatoes**

They are excellent keepers and retain their qualities till late in the spring..... Pk. Bu. .40 1.25

Irish Cobbler. We have found this potato to be one of the most reliable, extra early potatoes. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes.....

**Irish Cobbler Potatoes****Harmony Beauty Potatoes**

All grown in one hill, weight 5 3-4 lbs.

pinkish skin, a little lighter in color than the Early Rose, and Pk. Bu. .40 1.25 is of more oval shape. Flesh white and mealy.....

Write for prices of seed potatoes in barrel lots and larger quantities.

Early Dew Drop. A very early variety and a very heavy cropper for an early potato. The tubers are snow white with very smooth, velvety skin and shallow eyes. No potato can surpass it in uniform and handsome appearance. They are very fine grained, white as flour and of splendid flavor.

..... Pk. Bu. .40 1.25

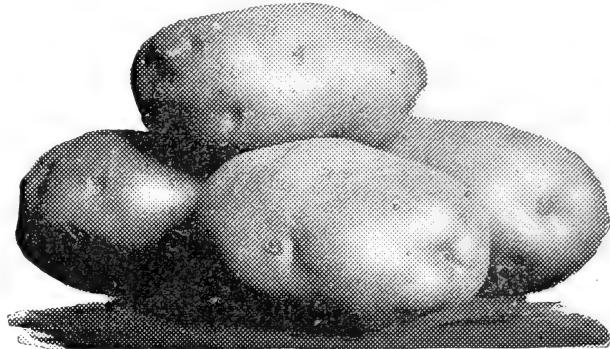
Harmony Beauty. This potato originated from the seed of a potato ball in Somerset county, Maine.

It is the favorite market potato of Bangor, having the preference over all other varieties wherever once used, and conceded by growers and consumers to be the best potato grown. It always brings a better price than any other in our market. It is a prolific cropper and remarkably free from rot, and about two weeks earlier than the Early Rose.

In appearance it has a russet, pinkish skin, a little lighter in color than the Early Rose, and Pk. Bu. .40 1.25

Early Rose. The original Early Rose Potato, which was so popular and grown so extensively for a great many years in New England. After several years' trials, we have at last got what we consider to be absolutely pure stock. In our trials last year, we found that the yield was equal to its yield of former years. It was one of the very best yielding, early varieties grown by us last season Pk. Bu. .50 1.50

Gold Coin. A very hardy, all around general crop potato. White skinned with slight russety appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Its yielding qualities are exceptionally large, being one of the heaviest



Gold Coin Potatoes

croppers we have ever grown. We consider this potato to be the best all around potato for general crop in cultivation..... Pk. Bu. .40 1.25

Green Mountain. A late variety of flat, oval form; white skinned, very smooth and handsome. One of the best yielders, free from blight, and rot, keeps well, and is never out of season for the table..... Pk. Bu. .40 1.25

Mills' Pride. A new variety of potato. It has a white skin; very white flesh and is of oval, flat form. An immense cropper giving us the biggest yield of any potato we have ever grown. From seven bushels of seed planted on a little less than half an acre, rows three feet apart and hills twelve inches apart in the row, we harvested two hundred and four bushels of selected seed potatoes, with between twenty-five and thirty bushels of small potatoes and culls that were not fit to put into seed stock. It is a very vigorous grower with large, healthy tops that stand up well..... Pk. Bu. .40 1.25

Black Christie. A very old potato; originated in Nova Scotia over one hundred years ago, and has been grown in the Maritime Provinces and along the Maine border ever since, on account of its superior baking and keeping qualities.

For a baked potato it has no equal and is one of the best keeping potatoes ever grown, will keep hard and firm as late in the spring and summer as July and August. When baked the flesh is very white and mealy.

It is of an elongated slim type, with medium sunken eyes of a dark blue black color, and a heavy cropper.

Prices, 10 cts. per pound; 60 cts. per peck; \$2.00 per bushel.

If ordered to go by mail add eight cents per pound for postage.

Prices on potatoes in barrels and larger quantities furnished on application.

PUMPKIN

One pound will plant two hundred and fifty hills.
Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

Large Yellow. Large size, good for cooking Pkt. Oz. $\frac{1}{4}$ lb. Lb. .15 .30

Sugar. Fine grained, sweet and prolific Pkt. Oz. $\frac{1}{4}$ lb. Lb. .25 .80



Sugar Pumpkin

One ounce to one hundred feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hotbed in February.

Vicks' Early Scarlet Globe Radish.

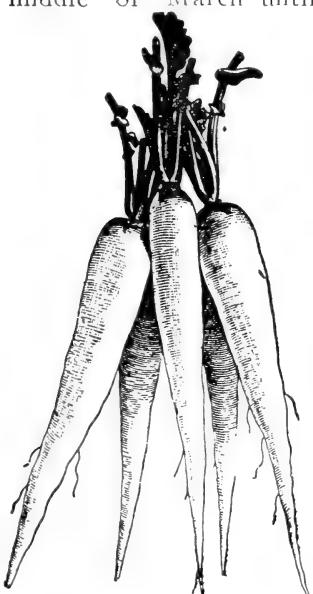
This is a slightly olive-shaped variety of a rich, bright scarlet color, with white, tender flesh. It is fit to pull as early as any known variety and is especially recommended to market gardeners, whose market demands a large, first, early forcing variety. Pkt. Oz. $\frac{1}{4}$ lb. Lb. .15 .40 1.25

Long Scarlet Short Top. Very long and crisp 5 .10 .20 .60

Early Scarlet Turnip. Round, scarlet, small, mild and crisp. 5 .10 .25 .75

Icicle. Pure white, quick growing variety 5 .10 .25 .75

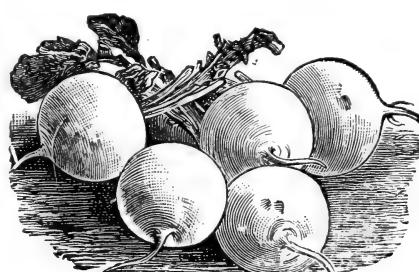
Lady Finger. Long, slender, and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden 5 .10 .25 .75



Icicle Radish

White Pearl Radish.

Seventeen days from planting to the table. The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors. Pkt. Oz. $\frac{1}{4}$ lb. Lb. .20 .50 1.50



White Pearl Radish

French Breakfast. A favorite oval-shaped, bright scarlet

Radish, with white tip; fine for either open ground or forcing Pkt. Oz. $\frac{1}{4}$ lb. Lb. .10 .20 .60

SPINACH

One ounce to one hundred feet of drill.

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September.

Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

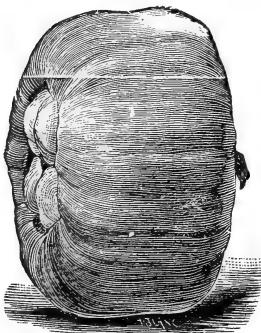


Long Standing Spinach

	Pkt.	Oz.	1/4lb.	Lb.
Victoria. A new variety with very thick, dark green leaves, which spread out flat on the ground. It is a long-standing variety and very hardy	5	.10	.20	.50
Large New Round Thick Leaved. Has very large and thick leaves	5	.10	.15	.40
Long Standing. An improved round seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners	5	.10	.15	.40
New Zealand. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer..	5	.10	.30	1.00

SQUASH

One ounce of summer varieties will sow forty hills; one ounce of winter varieties will sow fifteen hills; four pounds per acre.



Turban Squash

Any good rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.

	Pkt.	Oz.	1/4lb.	Lb.
Summer Crookneck. Early, productive and of good quality; fruit bright yellow	5	.10	.25	.75

White Bush Scalloped. An early flat, scalloped shaped variety; very productive.....	5	.10	.25	.75
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Turban. Early fall variety; orange-yellow flesh of good flavor	5	.10	.30	.90
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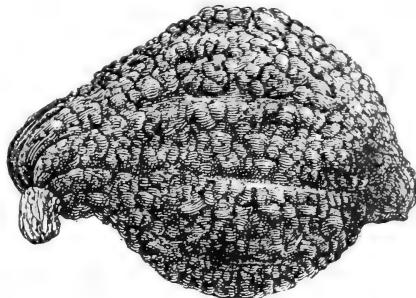
Boston Marrow. A fall and winter variety, very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality	5	.10	.25	.75
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Early Prolific Marrow. Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty				
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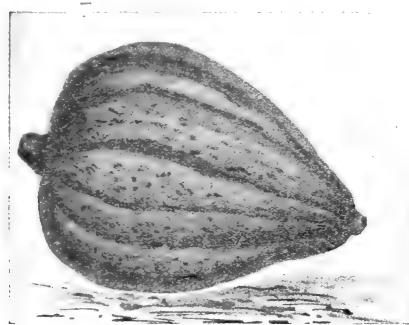
pounds. Its color is most attractive, a brilliant orange Pkt. Oz. $\frac{1}{4}$ lb. Lb. red. Quality excellent when mature, and a good keeper, 5 .10 .25 .75

Hubbard. One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine grained, very dry, sweet and rich-flavored; keeps perfectly good throughout the winter..... 5 .10 .25 .80

Warted Hubbard. An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name of "warted." Very thick flesh, first-class quality and a Pkt. Oz. $\frac{1}{4}$ lb. good keeper..... 5 .10 .30 .90



Warted Hubbard



Delicious Squash

SUNFLOWER

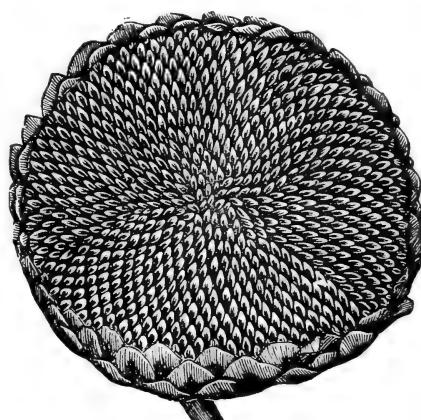
Large Russian. Per Pound, 15 cents.

TOBACCO SEED

Connecticut Seed Leaf. Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown Pkt. Oz. $\frac{1}{4}$ lb. south 5 .30 1.00

TOMATO

One ounce will produce fifteen hundred plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting



Large Russian Sunflower

out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.

Sparks' Earliana. A new variety and the earliest large tomato yet introduced. It is of handsome shape and beautiful red color. The flesh is very firm and solid and of excellent quality. A good cropper, making it one of the best for the market and home garden.....

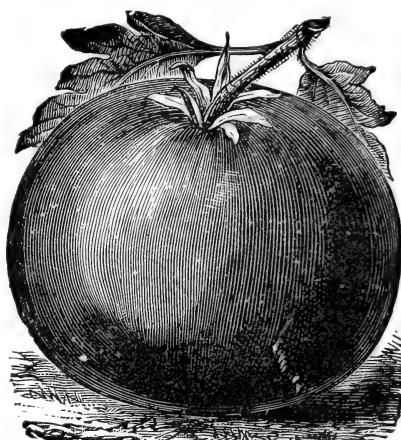
Early Freedom. The plant is medium in size, presenting no peculiarities of foliage or habit. The fruit is borne mainly in clusters, perfectly round, having no sign of concave at the base. Of a bright, dazzling shade of scarlet.

The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. Undoubtedly the most prolific of all early tomatoes, and equal in size, to the largest of any early sort put on the market.....

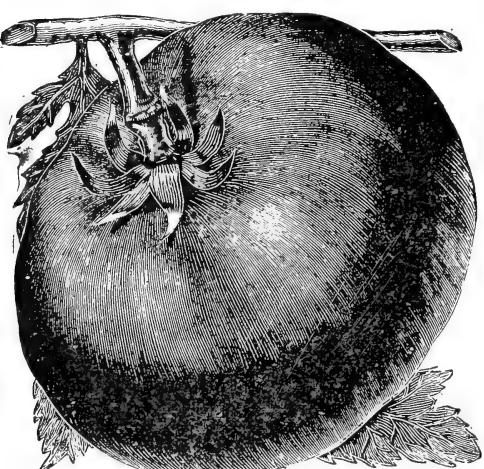
Livingston's Beauty. Color, very glossy crimson; grows in clusters of four or five fruits; large and solid.....

Livingston's Favorite. Productive; good flavor; few seeds; flesh solid; smooth and handsome

Pkt. Oz. $\frac{1}{4}$ lb.
.10 .35 1.00



Sparks' Earliana Tomato



Crimson Cushion Tomato

Crimson Cushion. For so large a tomato it is very early, very smooth, of a bright, scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed than it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning.....

Pkt. Oz. $\frac{1}{4}$ lb.
5 .25 .75

5 .25 .75

5 .20 .60

Livingston's Perfection. Early, large, smooth and solid blood-red color.....

5 .25 .75

Trophy. Very large, solid and of fair quality

5 .20 .60

Atlantic Prize. This tomato is the result of many years' careful selection by one of the most successful tomato-growers of New Jersey. It is very early, fruit is of good size, round, very solid, and of excellent quality.....

Pkt. Oz. $\frac{1}{4}$ lb. 5 .25 .75

Dwarf Champion. This is an early variety, which forms very stout, strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor

5 .25 .75

New Stone. Of a bright, scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder,

5 .25 .75

TURNIP

One ounce for one hundred and fifty feet of drill; one to two pounds in drills for an acre.

Turnips do best in highly enriched light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowings should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Baga Turnips are largely grown for a farm crop as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter they may be placed in a cool, dry cellar, buried in dry sand,

Golden Ball or Orange Jelly.

A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety.....

Pkt. 2 Oz. $\frac{1}{4}$ lb. 1lb. 5 .10 .20 .60

Purple Top Strap Leaf. Best variety for main crop; equally good for spring or fall sowings; white flesh.....

5 .10 .15 .50

White Egg. Oval, early, handsome and sweet

5 .10 .15 .50

Cow Horn. This variety is pure white, except a little shade of green at the top, and is carrot



Purple Top Strap Leaf Turnip

like in form, growing about half out of the ground. An exceptional heavy yielder of very rapid growth and is very popular for field culture for feeding stock. As a table variety it has a very delicate flavor but should be used before it gets to extreme large growth

Pkt. 2 Oz. $\frac{1}{4}$ lb. 1lb. 5 .10 .15 .50

RUTA BAGA OR SWEDE TURNIP

Carter's Imperial Swede.

A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and Pkt. $\frac{1}{2}$ Oz. $\frac{1}{4}$ lb. 1 lb. heavy yielder 5 .10 .15 .50

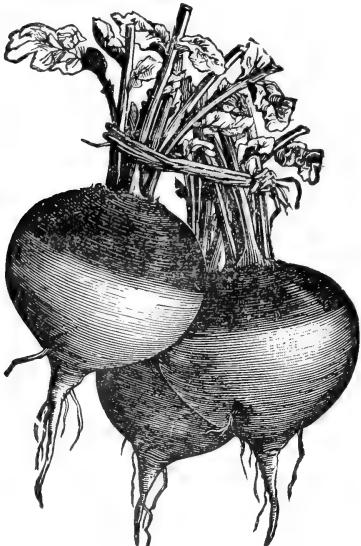
American Purple Top.

Flesh solid, yellow, sweet and of fine flavor. An excellent keeper for winter use 5 .10 .20 .60

Skirving's Purple Top.

A very popular variety. Large, yellow, firm flesh, sweet and a good keeper, 5 .10 .20 .60

Carter's Imperial Swede Ruta Baga



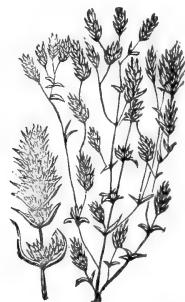
HERB SEEDS



Sage



Sweet Marjoram



Summer Savory

	Pkt.	Oz.		Pkt.	Oz.
Sweet Marjoram.....	5	.20	Summer Savory.....	5	.20
Sage	5	.20	Balm	5	.20



FLOWER SEEDS

NASTURTIUM—Tall

Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling. Hardy annuals.

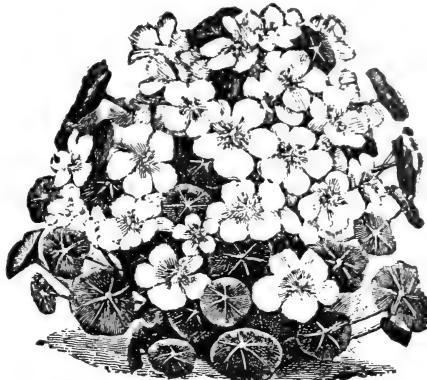
Pkt. Oz. Lb.

Tall, Mixed. Fine colors 5 .10 1.00

NASTURTIUM—Dwarf

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, one foot.

Dwarf, Mixed. Fine Pkt. Oz. Lb.
colors 5 .10 1.00



Dwarf Nasturtium

SWEET PEAS

Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut the more freely they will bloom.

Pkt. Oz.

America. Bright red, striped white	5	.10
Black Knight. Deep maroon.....	5	.10
Blanche Burpee. Large white.....	5	.10
Blanche Ferry. Pink standard; white petals.....	5	.10
Blushing Beauty. Soft pink, suffused with lilac.....	5	.10
Butterfly. Standards and wings white, faintly suffused with lavender	5	.10
Captain of the Blues. Purplish mauve blue.....	5	.10
Captivation. Beautiful claret color.....	5	.10
Carmine Invincible. Brightest crimson	5	.10
Chancellor. Bright shade of orange pink	5	.10
Coquette. Primrose yellow, shaded with lavender.....	5	.10
Countess Cadogan. Reddish mauve, standard and wings, violet.....	5	.10
Countess of Radnor. Delicate lavender	5	.10
Crown Jewel. Creamy white, veined with violet rose.....	5	.10
Delight. White, crested with crimson	5	.10
Dorothy Tennant. Flowers large; rosy mauve.....	5	.10
Duchess of Sutherland. Pearl white, suffused with light pink.....	5	.10



Lovely.	Soft shell pink.....	5	.10
Mikado.	Cerise ground, striped white	5	.10
Mrs. Dugdale.	A beautiful deep rose	5	.10
Mrs. Eckford.	Primrose yellow.....	5	.10
Mrs. Jos. Chamberlain.	White, flaked with bright rose.....	5	.10
Mrs. Sankey.	The purest white, the most perfect form, the largest size and a most profuse bloomer.....	5	.10
Pink Friar.	Carmine rose, suffused on silver white.....	5	.10
Princess Beatrice.	Delicate blush pink, marked with deeper shades,	5	.10
Purple Prince.	Maroon, shaded with bronze purple, wings blue....	5	.10
Senator.	Large flower, shaded and striped chocolate on creamy ground	5	.10
Splendor.	Coppery crimson suffused with rosy-pink. Very rich...	5	.10
Vesuvius.	Crimson rose, shaded to velvety violet.....	5	.10
Wawona.	Heliotrope, striped white.....	5	.10

Duke of Westminster.

Standard clear purple, wings purple, with tint of violet.....

Pkt. oz.
5 .10

Emily Henderson. A distinct and valuable

white variety.....

5 .10

Firefly. Very bright and intense crimson-scarlet of good size and form.

5 .10

Gaiety. White, with

rosy-pink stripes; flowers large.....

5 .10

Gladys Unwin. (New).

Light pink.....

5 .10

Golden Rose. Primrose,

lightly striped and mottled with light pink...

5 .10

Gorgeous. Bright orange salmon. Very fine...

5 .10

Indigo King. Very dark purple and indigo....

5 .10

Imperial Blue. Bright blue

5 .10

Lady Grisel Hamilton.

Pale lavender.....

5 .10

Dunning's Choice Mixed Sweet Peas. This mixture is made up entirely of the choice new and standard varieties. These varieties are all grown separately and are selected and mixed in such variety and proportions as to give a mixture that is second to none.

Price per pkt., 5 cts. Per oz., 10 cts. Per $\frac{1}{4}$ lb., 30 cts.
Per lb., \$1.00.

VEGETABLE PLANTS AND ROOTS

	Per Doz.	Per 100
Asparagus Roots. Strong, two-year-old roots.	\$.25	\$1.50

CABBAGE PLANTS

Ready May 15th

	Per 25	Per 50	Per 100	Per 1000		Per 25	Per 50	Per 100	Per 1000
Early Summer	\$.25	\$.40	\$.75	\$7.00	All Seasons.....	\$.20	\$.35	\$.60	\$5.00
Early Jersey Wakefield .....	.25	.40	.75	7.00	Autumn King.....	.20	.35	.60	5.00
Fottler's Brunswick....	.25	.40	.75	7.00	Fottler's Brunswick..	.20	.35	.60	5.00
All Seasons.....	.25	.40	.75	7.00	Stone Mason.....	.20	.35	.60	5.00

Our Cabbage plants are in packages of 25, 50 and 100

CAULIFLOWER PLANTS

Ready May 15th

Early Favorite.....	Per Doz., 20 cts.	Per 100, \$1.25
Henderson's Early Snowball.....	Per Doz., 20 cts.	Per 100, \$1.25
Put up in bunches of 12, 25 and 100.		

CELERY PLANTS

Ready June 1st

	Per 25	Per 50	Per 100
Golden Self Bleaching.....	\$.35	\$.60	\$1.00
Boston Market.....	\$.35	\$.60	\$1.00
White Plume.....	\$.35	\$.60	\$1.00

Put up in boxes of 25, 50 and 100. Prices on larger lots quoted on application.

PEPPER PLANTS

Ready June 1st

Large Bell or Bull Nose.....	Per Doz., 25 cents
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TOMATO PLANTS

Ready May 20th

Sparks' Earliana,	Dwarf Champion,
New Stone,	Crimson Cushion,
Early Freedom,	Livingston's Beauty,
Put up one dozen in a box.....	
Price per box, 30 cents	

Put up in bunches of 50 and 100.....	Price, \$2.00 per 100
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RHUBARB ROOTS

Linnaeus, two-year-old roots.....	Per Doz., \$1.50
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BEDDING PLANTS—Seedlings

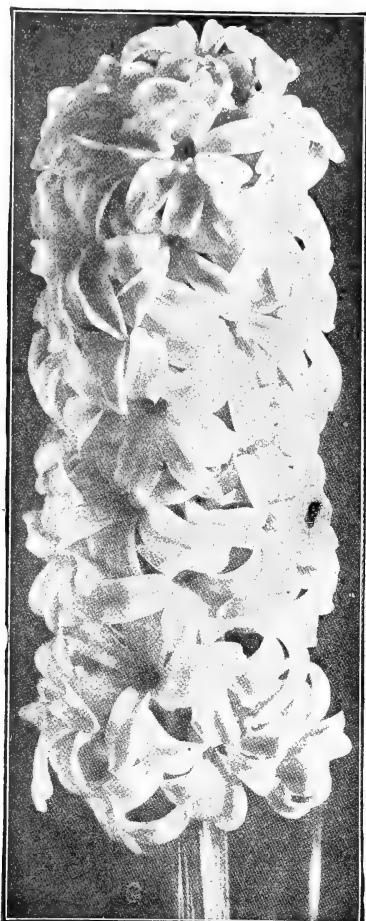
Ready June 1st

	Per Doz.	Per Doz.	
Asters	\$.25	Dianthus Pinks.....	\$.25
English Daisies .....	.25	Ten Weeks' Stocks.....	.25
Pansies—per basket, 25c.....	.40	Verbenas .....	.25
Pinks25	Zinnias25

GERANIUMS

Choice mixed varieties, from 2½-inch pots.....	\$1.00 per doz.
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Plants on this page sent by Express or Freight only.



Single Hyacinth

the Blues, light blue; King of the Yellows, dark yellow; Lord Balfour, lila-c-violet. Prices, 8 cents each; 80 cents per dozen; \$6.50 per hundred.

Double Varieties.

Chestnut Flower, fine rose color; Koh-i-noor, rosy-red; La Tour d'Auvergne, pure white; Bloksberg, light blue. Prices, 8 cents each; 80 cents per dozen; \$6.50 per hundred.

TULIPS

No other flower excels the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally as desirable for bedding, or pot culture indoors. Bulbs should be set 6 inches apart and $4\frac{1}{2}$ inches deep

Single Varieties.

Much more satisfactory for outdoor bedding than the double varieties.

BULBS

FOR AUTUMN PLANTING

Ready for Shipment about September First

Garden Culture. Bulbs may be planted from the first of October up to the time the ground freezes, in any good, well-drained, garden soil, which has previously been well enriched and dug to a depth of from 12 to 15 inches. Before the ground freezes, cover the beds with material such as leaves, straw, boughs, etc., to a depth of 4 inches. Do not uncover too early in the spring.

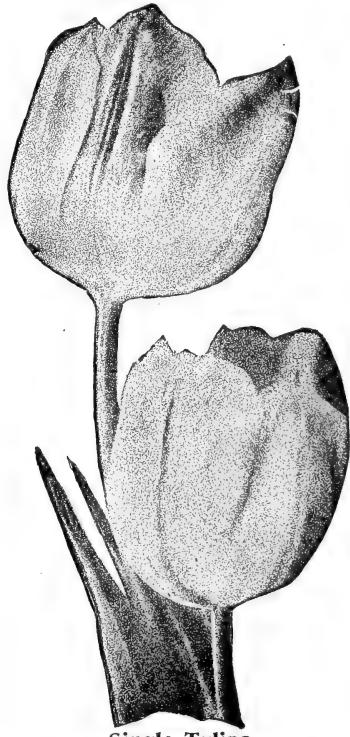
HYACINTHS

One of the most popular bulbs for effective beds outdoors, or grown in the house in pots. Bulbs should be set 6 inches apart and 6 inches deep.

Single Varieties.

Better adapted, and much more satisfactory, for outdoor bedding, than the double varieties.

Gertrude, brilliant rosy red; Roides Belges, bright dark red; Giganthea, light rose; General Vetter, blush white; L'Innocence, pure white; King of the Blues, dark blue; Grand Maitre, lavender; Queen of



Single Tulips

Artus, scarlet; Cardinal's Hat, brown red; Yellow Prince, bright yellow; Chryselora, pure yellow; La Reine, pure white; Rose Griselin, bright pink; Cottagemaid, white and rose; Keizerskroon, brilliant red and yellow. Prices, 3 cents each; 25 cents per dozen; \$1.75 per hundred.

Double Varieties.

Alba Maxima, pure white; Gloria Solis, brown and yellow; Murillo, light rose; Rubra Maxima, dark red; Duke of Leicester, yellow. Prices, 3 cents each; 30 cents per dozen; \$2.00 per hundred.

NARCISSUS

Popularly called "Jonquils" or "Daffodils." Next to the Tulip the Narcissus is the most popular spring flowering bulb. They will grow in any ordinary garden soil and in almost any situation. Very desirable for pot culture as well as outdoor culture. For outdoor culture bulbs should be planted 4 to 5 inches deep and 4 to 6 inches apart.

Single Varieties.

	Ea.	Per doz.	Per 100
Emperor. Sulphur-yellow perianth with immense golden yellow trumpet .....	.05	.45	3.00
Sir Watkin. Sulphur-yellow perianth with deep yellow small crown .....	.05	.45	3.00
Poeticus. White, with red bordered cup .....	.03	.25	1.50

Double Varieties.

Sulphur Phoenix. Silverwhite; one of the finest.....	.04	.35	2.50
Von Sion. Large double, deep golden yellow flowers; very extensively grown.....	.05	.50	3.25

CROCUSES

One of the first to blossom in the spring, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage, it is a welcome visitor. The crocus succeeds well when grown in pots for indoor culture, as well as for borders and beds for outdoor culture; may also be grown in water with a little sand in any shallow dish or plate.

Plant in the open ground 2 inches deep and 2 inches apart.

Blue, white, striped, yellow.

Prices, 2 cents each; 15 cents per doz.; \$1.00 per 100.



Crocuses

CHINESE SACRED LILY

The flowers are of a satiny white color with very fragrant golden yellow cups. Usually used for indoor culture, grown in bowls or dishes of water. Put an inch or two of sand or gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel or shells around them to keep them from falling over; fill the dish with water and keep in any ordinary living room.

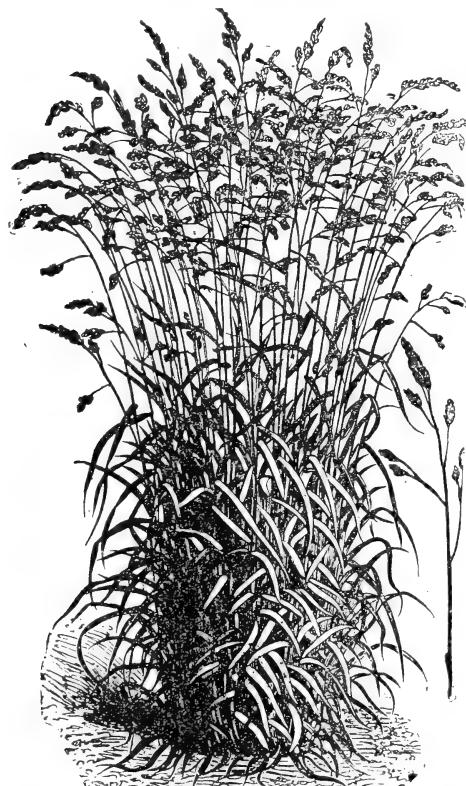
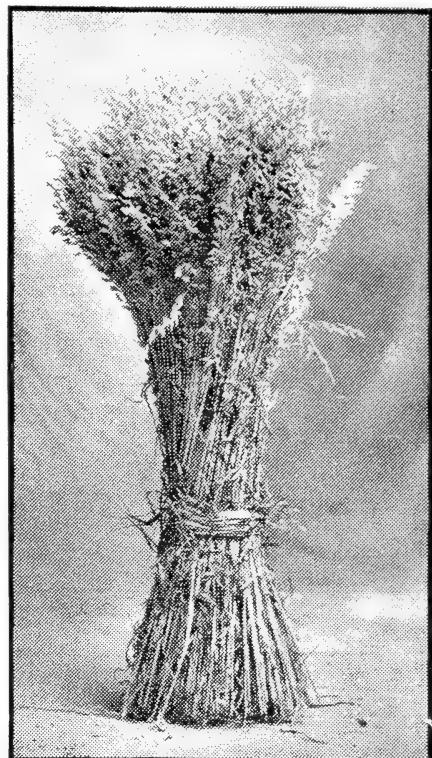
Price, extra large bulbs, 10 cents each; \$1.00 per dozen.

EARLY PEARL OATS

This is a grand, good oat, the result of years of careful growth and selection. In appearance they are white, medium size and very full meated. Heads are large and straw stout, not inclined to lodge, and are free from rust and smut, and yields an immense crop. This oat took the Diploma for the Sweepstakes Prize given by the Maine Corn and Fruit Show held in Portland, Me., in November, 1911. Also the Sweepstakes and First and Second Prizes given by the Maine Seed Improvement Association at meeting held in Waterville for season of 1911.

In both instances there were a great many competitors for these prizes.

Price: Postpaid, lb., 20 cts.; 3 lbs., 50 cts. By Express or Freight, pk., 40 cts.; bu., \$1.20; 10 bu. lots, \$1.10 per bu. In lots of one bushel or over, there will be a charge of 20 cts. for



Orchard Grass

bags; bags capable of holding $2\frac{1}{2}$ bushels.

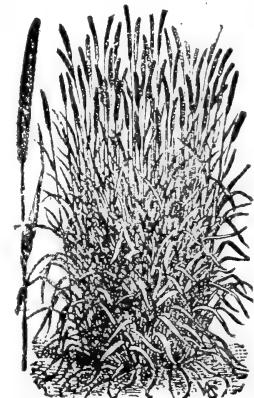
EXTRA SELECTED FARM SEEDS

At market prices at time order is received. All inquiries for quotations will be promptly answered.

GRASS SEEDS

Timothy or Herd's Grass. The best grass for hay; 45 lbs. to the bushel.

Fancy Red Top. Clear seed. A valuable grass and extensively cultivated; 40 lbs. to the measured bushel.



Timothy or Herd's Grass

Rhode Island Bent. Very fine lawn grass; 10 lbs. to the bushel.

Orchard Grass. Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

Canada Blue Grass. A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage; 14 lbs. to the bushel.

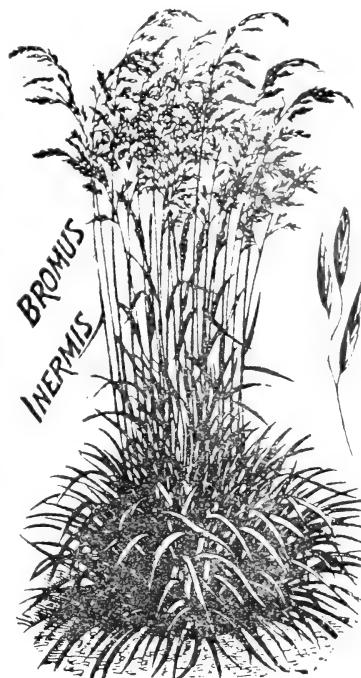
Kentucky Blue Grass. An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

Awnless Brome Grass—(*Bromus Intermis*)

An erect growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils where the more delicate grasses will not



Hungarian Grass



grow. Its remarkable drought resisting qualities, make it very valuable for dry situations, while its extreme hardiness enables it to withstand our coldest winters without serious injury. The rootstalks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown, except where a permanent grass crop is desired; 20 lbs. to the bushel.

MILLETS

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay; maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

Hungarian Grass. Early; grows two to three feet high; abundant foliage;

withstands drought and yields well on light soils; 48 lbs. to the bushel. **Golden Millet.** Requires a dry, light rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for foraging; 50 lbs. to the bushel.

New Siberian Millet. A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Its stooing properties are remarkable, as high as 41 stalks having been grown from a single seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in June and July, one peck to the acre; 48 lbs. to the bushel.

CLOVERS

Prices subject to market changes. There are no plants so valuable for fertilizing as the clovers. They have the faculty for absorbers nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.



Alfalfa

Medium Red Clover. **Pea Vine or Mammoth Clover.** **Alsiike Clover.** **White Dutch Clover.** Valuable for pastures and for lawns.

Scarlet or Crimson Clover. This variety is an annual clover and should be sown each year, is fine for soiling cattle; has a beautiful crimson blossom.

Alfalfa or Lucerne Clover. Very productive; requires deep soil.

DWARF ESSEX RAPE

This is very valuable for sheep pasture. It can be sown in May, and will be ready for pasturing in July or August; or it may be sown in June or even up to the middle of July, and yet furnish, under reasonably favorable circumstances, a large amount of pasture and fodder. It is very suitable for sowing on land that an early crop of potatoes has been taken off. In drills, about four pounds to the acre; broadcast, eight pounds to the acre. Pound, 12 cts.; 10 pounds for \$1.00.

SOJA OR SOY BEANS

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre, or



Soja or Soy Beans



Sand, or Winter Vetch

A prolific bunch growing variety.

At market prices time order is received.

SAND, OR WINTER VETCH

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the earliest of all spring fodder crops. Sow for spring use in August with $\frac{1}{2}$ bushel of winter rye or oats, or in spring with $\frac{1}{2}$ bushel of oats, rye or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

At market prices time order is received. All inquiries for quotations will be promptly answered.

JAPANESE BARNYARD MILLET

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment

they may be planted in drills three feet apart and one foot between plants.

At market prices time order is received.

COW OR SOUTHERN PEAS

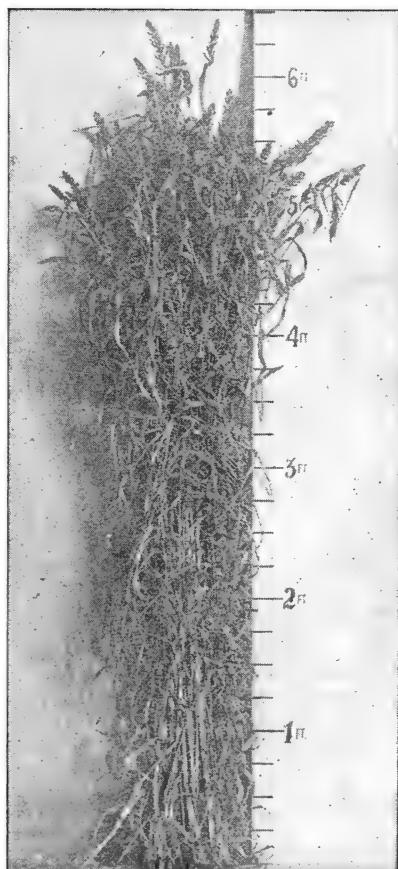
The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are the most popular, especially for medium and light soil. They should be sown the last of May or in June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer, its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers.

Cow Peas are also valuable as a forage crop.

Black Eye. Seed creamy white, with a large black eye. A prolific vine grower.

Whip-poor-will

Seeds are good size, speckled brown in color



Japanese Barnyard Millet



Japanese Buckwheat or
Common Buckwheat

Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height.

Cattle and horses eat it greedily.

Sow in May and June broadcast, 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre.

Price, per pound, 7 cts.

Per 16 pounds, \$1.00.

If sent by mail, add 8 cents per pound for postage.

GRAINS

Prices subject to market changes. All inquiries for quotations will be promptly answered.

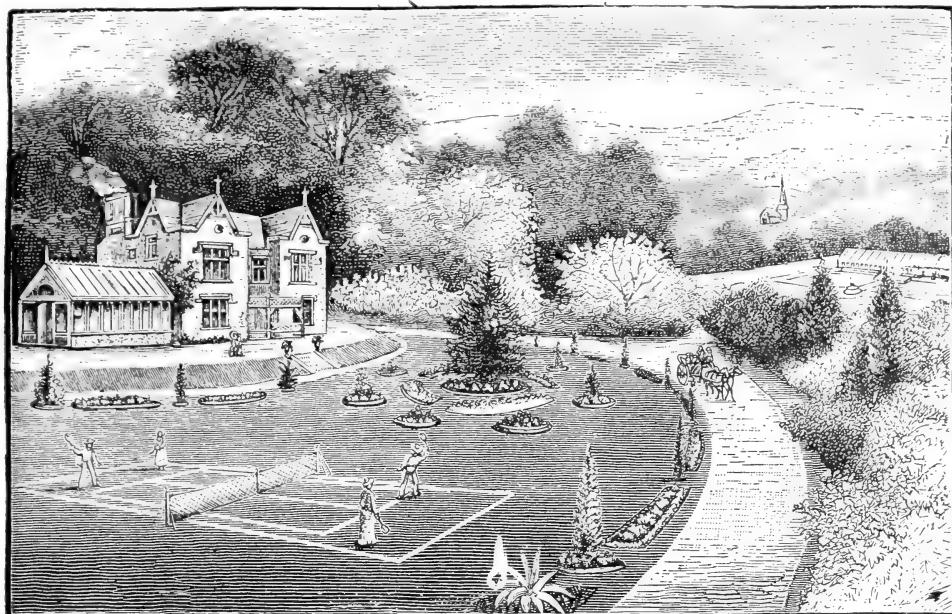
Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Common Buckwheat, Indian Wheat or Rough Hulled Buckwheat.

All our grains are selected expressly for seed, and are strictly pure and true.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered and samples sent by mail when desired.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Lbbs. per bush.	Lbbs. per bush.
Barley, broadcast.....48	2 to 3 bush.
Beans, Dwarf, in drills..60	2 bush.
Beans, Pole, in hills....60	10 to 12 qts.
Beets, Table, in drills...	6 lbs.
Beets, Mangel Wurzel ..	5 lbs.
Buckwheat .....48	1 bush.
Cabbage, in beds to transplant	1/4 lb.
Carrot, in drills	3 to 4 lbs.
Clover, Red .....60	12 to 20 lbs.
Clover, White .....60	6 to 10 lbs.
Clover, Alsike .....60	6 to 10 lbs.
Clover, Lucerne or Alfalfa	20 lbs.
Corn, in hills	10 qts.
Corn, for fodder.....	2 to 3 bush.
Cucumber, in hills.....	2 lbs.
Grass, Kentucky Blue..14	3 bush.
Grass, Orchard.....14	3 bush.
Grass, Red Top (re-cleaned)	40
Grass, Timothy .....45	6 lbs.
Grass, Hungarian .....48	1/2 bush.
Grass, Lawn .....20	1 bush.
Melon, Musk, in hills....	3 bush.
	2 to 3 lbs.
Melon, Water, in hills...	4 to 5 lbs.
Millett, Japanese.....40	15 to 20 lbs.
Millet, German	50
Oats, broadcast	32
Onions, in drills.....	2 to 3 bush.
Onion Sets, in drills....	5 lbs.
Parsnips, in drills.....	6 to 12 bu.
Peas, broadcast.....	4 to 6 lbs.
Peas, in drills.....	3 bush.
Potatoes (cut tubers)....60	2 bush.
Pumpkin, in hills.....	10 to 15 bu.
Radish, in drills.....	4 lbs.
Rye, broadcast	8 to 10 lbs.
Sage, in drills	1 1/2 to 2 bu.
Spinach, in drills.....	8 to 10 lbs.
Squash (bush varieties), in hills	15 lbs.
Squash (running varieties), in hills.....	4 lbs.
Tomato, to transplant..	3 lbs.
Turnip, broadcast.....	1/4 lb.
Turnip, in drills	2 to 3 lbs.
Vetches, broadcast.....	1 to 2 lbs.
Wheat, broadcast	2 bush.
	60
	1 1/2 to 2 bu.



Dunning's Lawn Grass Seed

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations and whether used in pastures or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, four bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed.

A liberal quantity of seed should always be used to insure the best results. Per pound, 30 cents. If sent by mail, add eight cents per pound for postage.

Per bushel of 20 lbs., by Freight or Express, \$5.59.

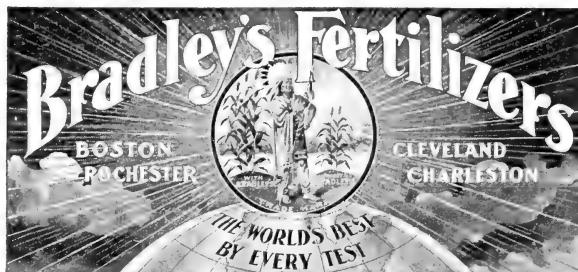
English Lawn Fertilizer

An Odorless Chemical Fertilizer For Lawns, Flower Beds and Kitchen Gardens.

This is a high-grade chemical fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to withstand rough usage and the protracted heat of summer.

Being free from weed seeds, and odorless, it is far superior to unsightly and strong smelling stables dressing for use on lawns and tennis courts.

Ten pound bags for 1,000 square feet.....	\$.50
Twenty-five pound bags for 2,500 square feet.....	\$1.00
Fifty pound bags for 5,000 square feet.....	\$1.50
One hundred pound bags for $\frac{1}{4}$ acre.....	\$2.50



For All General Farming

are, without doubt, the best fertilizers in the world for producing the largest possible crops of Grass, Grain and Vegetables in the shortest time. The Bradley Fertilizer Co. manufacture fertilizers of **all Grades** and for **all Crops** and being the **largest manufacturers in the world** their facilities for furnishing all kinds of fertilizers and agricultural chemicals at the lowest prices are absolutely unequalled.

A full stock of the following standard fertilizers constantly on hand:

Bradley's X L Superphosphate

Bradley's Potato Fertilizer

Bradley's Potato Manure

Bradley's Corn Phosphate

Bradley's Eureka Seeding-Down Manure

Bradley's Complete Manure with 10% Potash

Bradley's Complete Manure for Potatoes and Vegetables

For Lawn Fertilizer. (See page 43).

Send to us for finely illustrated pamphlets, describing all of their brands, and let us quote you prices on these unequalled fertilizers, before purchasing elsewhere.

Agricultural Lime

Especially prepared for agricultural purposes, and, being finely ground, it can be used in any broadcast sower.

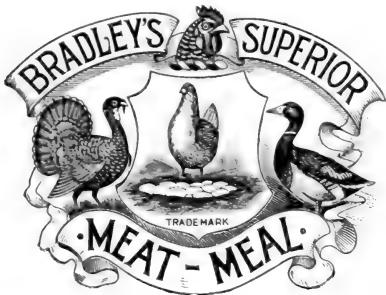
Many plants, such as beets, spinach, lettuce, onions, parsnips, cabbages, cucumbers, peas, beans, turnips, carrots, corn and all grains, show a decided increase and are greatly benefited by the use of lime, as it corrects all acidity of the soil, sweetening it, and freeing it from impurities.

Lime properly applied at certain intervals will be found a most perfect renovator, one that can be relied upon. For the ordinary piece of land that requires lime it will be found that once in the rotation of crops, or, say once in four years, is as often as lime should be applied. It will hold the land in its proper condition for that length of time.

Put up in 100-pound bags.

Price per ton.....\$10.00

Send for Illustrated Catalogue.



Bradley's Superior Meat Meal

Is beyond question the best food ever manufactured for Hens, Turkeys and Ducks. Its continual use by the largest Poultry Raisers proves it is unequalled for quickly growing large-sized birds of fine flavor, and for producing large yields of superior quality eggs.

PRICES

100 lb. bags,
50 lb. bags,
25 lb. bags. (trial size).

Free on board cars in	Bangor.....	\$2.50
Free on board cars in	Bangor.....	\$1.25
Free on board cars in	Bangor.....	\$.75

Mica Crystal Grit

For Poultry
Pigeons
Chickens



Ducks, Geese
Turkeys and
Birds

The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

PRICE: 100 lb. Bag, 75 Cents

Sterlingworth Poultry Charcoal

PREPARED ESPECIALLY FOR POULTRYMEN

We have had this Charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and offer it as the best Poultry Charcoal manufactured.

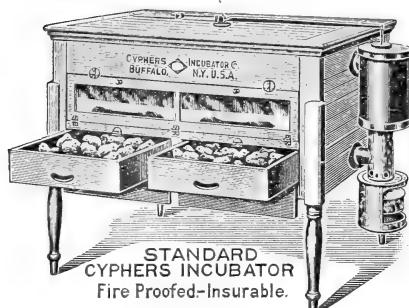
This Charcoal should not be confounded with the ordinary commercial charcoal which is not evenly graded, generally contains large quantities of dust and is not always free from dangerous poisons.

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For Brooder Chicks, Dry Chick Mixtures and Mash Foods. Medium: For Half Grown Fowls, Pigeons, etc. Coarse: For Full Grown Fowls, Geese, Turkeys, etc.

Prices: Packed in two-pound cartons printed with directions for feeding, 15 cents. Put up in 50-pound sacks, \$1.00 each.



Standard Cyphers Insurable Incubators and Brooders



bears a world-wide reputation, but because of the WELL ESTABLISHED FACT that it is THE BEST HATCHER of large, vigorous, livable chicks.

THE PRINCIPLES OF CONSTRUCTION that have made Cyphers Incubators "the world's standard hatchers" for the last twelve to fifteen years REMAIN UNCHANGED in the 1913 pattern. Their patented features, their entire freedom from the bothers, disappointments and losses common to the "Cheap" or "Bargain" incubator, makes these high-class machines the best for you to own FIRST, LAST AND ALL THE TIME.

CYPHERS INCUBATORS have now been on the market FIFTEEN YEARS and today are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms and by a larger number of foremost poultry breeders THAN ALL OTHER MAKES COMBINED.

PRICES

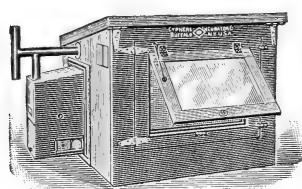
Free on Board Cars, Bangor, Me., at Factory Prices.	
No. 0, 70 Egg Size.....	\$15.00
No. 1, 144 Egg Size.....	\$22.00
Send for Catalogue.	
No. 2, 244 Egg Size.....	
No. 3, 390 Egg Size.....	\$38.00

CYPHERS BROODERS FOR 1913

Fire-Proofed and Insurable

Complete line for outdoor and indoor use. Employ top-heat and are self-ventilating and self-regulating. Are built on colony house plan (except indoor type); are substantially made, are fire-proofed, and every one bears the fire insurance underwriters' "Inspected Brooder" label.

THE CYPHERS STYLE A 1913 OUTDOOR BROODER



This was formerly known as the Storm King, is better made than its predecessor and is recommended for use of poultry raisers who feel that they do not wish to invest in the larger sized and more costly three-apartment outdoor brooders. This brooder is equipped with the Cyphers Fire-Proof Brooder Heater and Standard Adaptable Hover. It employs top-heat exclusively, thus giving the chicks free use of all space underneath the hover. It is self-ventilating and self-regulating.

Price: Style A 1913 Outdoor Brooder.....\$12.50

Send for Catalogue of Cyphers' Incubators and Brooders.



CYPHERS STYLE B 1913 OUTDOOR BROODER

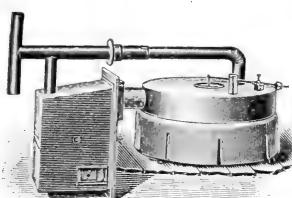
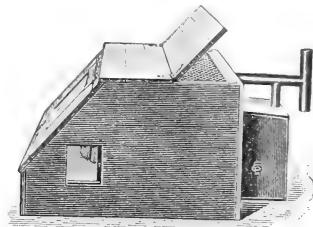
This was formerly known as Style A. Is a three-apartment brooder, and has the same style of heater as the Style A 1912 Brooder and is twice as large.

Prices: Style B 1913 Outdoor Brooder, \$16.50.

CYPHERS STYLE D 1913 INDOOR BROODER

This brooder is designed to be used in dwellings, stables, poultry houses, etc. Is practically the same in all respects as the Style A 1913 Outdoor type, except that it is of more convenient shape for indoor use.

Price: Style D 1913 Indoor Brooder.....\$11.50



Adaptable Hover

Price: Cyphers Adaptable Hover.....\$8.50

CYPHERS ADAPTABLE HOVER

IN ADDITION to this unequalled line of brooders, we offer separately the Cyphers Company's world's challenge ADAPTABLE HOVER. This machinery-made, all metal, guaranteed fire-proof heating and brooding device is SUITABLE TO BE USED ANYWHERE that heat is required for brooding chicks or ducklings. It can be used in a roosting coop, colony house, shed, hen house, barn or other building with or without any additional enclosure for the chicks, or in a large goods case or organ or piano box.

THE CYPHERS NEW PORTABLE HOVER

This self-regulating and self-ventilating Portable Hover was invented by the Cyphers Incubator Co. in 1910 and has been well tested by them during the past two seasons in practical use.

It is self-regulating, as far as a brooding device can be made so. The same high-grade thermostat being used as is used on the Cyphers Standard Brooders.

It has a patented self-ventilating device which works automatically.

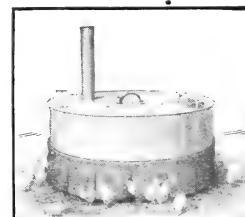
This Hover is for indoor use and has a capacity of seventy-five newly hatched chicks.

It is constructed throughout of metal, except the brooding curtain which is of woolen felt and fire-proofed.

Very simple in construction, convenient and economical to use.

Price\$8.50

Send for descriptive circular.



Cyphers New Portable Hover

OVINAPTHOL LICE KILLING NEST EGG

Our Ovinaphthol Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nests in the same manner as an ordinary nest egg is used, laying hens are cleared of lice and mites and are able to occupy the nests with comfort. Being prepared with great care for this special purpose, they last a long time and always retain their effectiveness. The genuine nest eggs bear embossed on each egg the words, "Ovinaphthol Nest Egg."

Prices: Each, 10c; per dozen, 75c.





THE INTERNATIONAL SANITARY HOVER

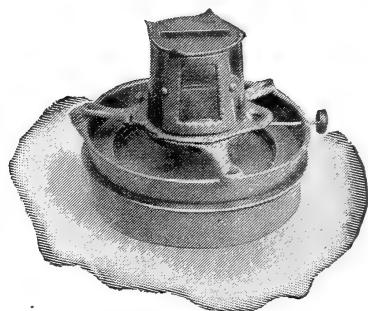
This hover is constructed of heavy galvanized iron. It is a well known fact that wood hovers provide cracks for mites and other vermin and unquestionably the sanitary is superior in that it can be easily cleaned and sprayed, so there can be no chance for vermin to live. It is very simple of construction, and very durable.

PRICE

Complete \$ 8.50
Send for circular, giving full description of this hover.

CYPHERS SAFETY BROODER STOVE

These stoves positively have no equal. They furnish twice as much heat as the ordinary brooder lamp. The safety water pan on the Cyphers Safety Brooder Stove holds nearly a quart of water and extends out over the entire surface of the oil bowl, removing all danger of overheating the oil. Just the stove for use in home-made brooders. Height, $7\frac{1}{2}$ inches; greatest width, $10\frac{1}{2}$ inches.



PRICE

Stove complete and ready for use \$1.75

THE ECLIPSE LEG BAND



No. 1



No. 2



No. 3



No. 4



No. 5

No. 1 for Bantams and small Mediterraneans. **No. 2** for Mediterraneans. **No. 3** for American females. **No. 4** for American males, Asiatic females, small turkeys. **No. 5** for Asiatic males and turkeys.

The band is light and neat and will stay on. They are so made that when properly adjusted they cannot come off. They are made from polished aluminum, and will not tarnish. Those who prefer a flat band will find them superior to anything on the market, while the price places them within the reach of everybody.

Prices: Postpaid, 15c per 12; 25c per 25; 45c per 50; 75c per 100.

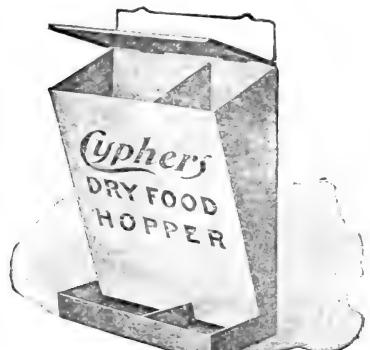


DOUBLE CLINCH LEG BANDS

Made in polished aluminum and are provided with a strong and secure fastener. Made in five sizes. See table of sizes given under Eclipse Leg Bands.

Prices: Postpaid, 15c per 12; 25c per 25; 45c per 50; 75c per 100.

Cyphers Dry Food Hopper and Sanitary Shell and Grit Box



Price 75 Cents

These are made of heavy galvanized iron, practically indestructible and will last a life-time with ordinary usage. They are practical labor and food saving devices.

THE DRY FOOD HOPPER has two compartments—a large one for grain mixtures, holding about six quarts, and a small one for beef scrap, holding about three quarts.

THE SANITARY GRIT AND SHELL BOX has three compartments for grit, oyster shells and charcoal. Can be used for dry food hopper where a small flock is kept.

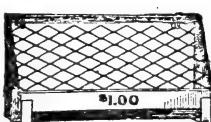


Price 50 Cents

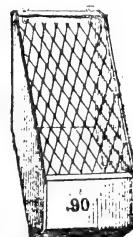
"The Boston" Poultry Dry Feed Hopper

One of the most economical devices for feeding dry feed, beef scrap, etc.

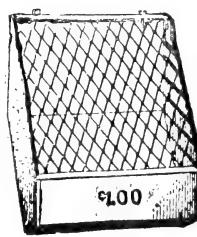
The Boston Hopper—all sizes—hangs against the wall or can be placed on the floor or ground. The swinging grid or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night (or in the day time) by simply hooking the grid to the front section at the lower end—thus making the device rat-proof.



Chicken Size



Medium Size



Large Size

PRICES

Large Size. For dry feed. Holds $\frac{1}{2}$ bushel.....	\$1.00
Medium Size. For scraps and grit. Holds $\frac{1}{4}$ bushel.....	\$.90
Chicken Size. Holds $\frac{1}{8}$ bushel.....	\$1.00

THE NORWICH AUTOMATIC EXERCISER AND FEEDER

This machine is constructed of heavy galvanized iron and is absolutely rat-proof and rain-proof.

A great grain saver, as well as poultry exerciser.

It is very simple in construction, nothing to get out of order. Send for circular giving full description.

PRICES

Number 1—8 Quart Hopper.....	\$2.50
Number 2—14 Quart Hopper.....	\$3.25
Number 3—20 Quart Hopper.....	\$4.10

1-2-3 POULTRY FEEDER

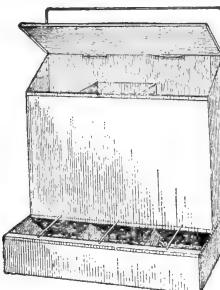
for Dry Mash, Scraps, Shells, Grit, Charcoal or any poultry feed. When used for one kind of feed only take out separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

PRICE

1-2-3 Poultry Feeder.....	75c.
1-2-3 Grit and Shell Feeder....	50c.

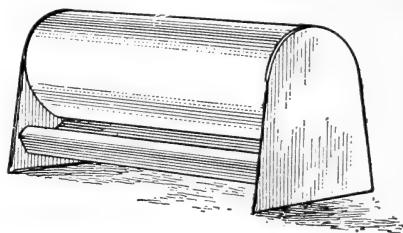


The Norwich Automatic Exerciser and Feeder



THE HUB CHICKEN FEEDER

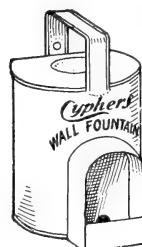
Is sanitary, keeps the feed clean and dry. Chickens cannot get into it, and cannot waste the feed. It will pay to use the Hub Feeder for small chickens. At night turn the feeder over backwards until face down and nothing can get into it.



PRICES

9-inch Feeder.....	35 cents.
15-inch Feeder	50 cents.

CYPHERS GALVANIZED WALL FOUNTAIN



These fountains are made of the best galvanized iron. They are extra convenient to handle and are more sanitary than the ordinary fountains that stand on the ground or floor. They are flattened on the back so that they can be hung on the wall or against a post.

PRICES

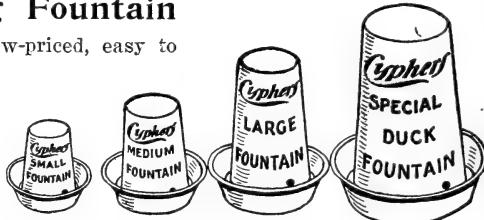
1 gallon.....	50 cents.
2 gallon.....	75 cents.

Cyphers Separable Drinking Fountain

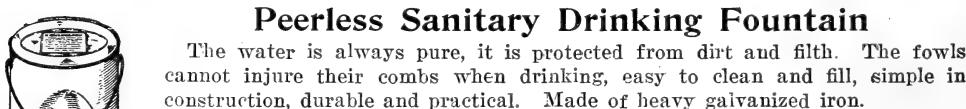
Made of heavy galvanized iron, and are low-priced, easy to clean and will last many years.

PRICES

Small size, 1 quart.....	20 cts.
Medium size, 2 quarts.....	25 cts.
Large size, 3½ quarts.....	35 cts.
Special Duck size, 2 gallons.....	50 cts.



Peerless Sanitary Drinking Fountain



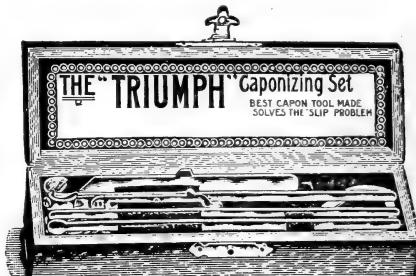
The water is always pure, it is protected from dirt and filth. The fowls cannot injure their combs when drinking, easy to clean and fill, simple in construction, durable and practical. Made of heavy galvanized iron.

PRICES

Large Size. Holds about 10 quarts.....	85 cents.
Medium Size. Holds about 5 quarts.....	60 cents.
Small Size. Holds about 1 quart.....	35 cents.

THE TRIUMPH CAPONIZING SET

There is no doubt in the minds of up-to-date poultry men as to the advantages of caponizing. The operation is very simple. With a "Triumph Caponizing Set" anyone can perform it with safety and thoroughness.



Price, per set, in Japanned wood box...\$2.50



Small sample size....25 cents.

PRICES

Medium size.....50 cents.

CYPHERS ROUP CURE

This remedy is positively guaranteed by the manufacturers to cure roup in all its forms. It is simply put in water and the chick takes its own medicine. It prevents and cures cold and is unequalled for canker, especially in pigeons. No poultryman can afford to be without Cyphers Roup Cure.

PRICES

Small sample size....25 cents.

Medium size.....50 cents.

DUNNING'S ROUP REMEDY

This roup remedy is administered to fowls in their drinking water. The fowls take their own medicine. This is almost the only method by which it is practical to cure roup. No poultryman can afford to be without this cure.

It is guaranteed to relieve roup when it is used according to directions except where the fowls are in the last and incurable stages of the disease.

Prices: Package for 25 gallons of water, 50 cents, postpaid.



STERLINGWORTH DIARRHOEA REMEDY

A Certain and Guaranteed Remedy for Bowel Trouble and White Diarrhoea In Young Chickens and Scours in Fowls and Pigeons



them to become strong and healthy. It is used in the drinking water. The chickens and fowl take their own medicine.

It is sold under a positive guarantee to give satisfaction or purchase price is refunded. Each package contains sufficient remedy for treating several flocks. Full directions on each package.

Price, per box, sufficient for several flocks, 50 cents.

A positive cure and preventive for White Diarrhoea seems too good to be true for this scourge has driven more poultrymen out of business than any other disease. Millions of chickens die yearly from this trouble, which could be saved if Sterlingworth Diarrhoea Remedy was used. Poultrymen should not wait until their chickens become diseased, but should use it as a preventive. It does not stunt the chicks or cause them to stop growing, but aids

CYPHERS LICE POWDER

In offering Cyphers Lice Powder we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure the fertility of the eggs or prove dangerous to newly hatched chicks. It will positively kill lice on poultry, cattle and horses; ticks on sheep and fleas on dogs.

PRICES

15 ounce package, 25c.....postpaid, 40c
48 ounce package, 50c.....postpaid, \$1.00



STERLINGWORTH LICE POWDER

This is a scientifically compounded powder for killing all forms of insect life on fowls, and is equally good for destroying lice on cattle and horses, ticks on sheep and fleas on dogs. It is different from many of the so-called Lice Powders on the market, inasmuch as instead of driving the lice from the fowl's body, it kills them. While it is sure death to all kinds of insect life generally afflicting fowls and animals, it is harmless when used according to the plainly printed directions on each package.

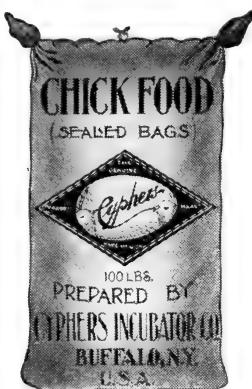
PRICES

15 ounce package, 25c, postpaid, 40c. 48 ounce package, 50c, postpaid, \$1.00.



POULTRY FOODS

Owing to fluctuations in the grain market, it will be impossible for us to catalogue any prices on these goods. We shall have a good stock of them on hand and shall be pleased to quote prices at any time.



Cyphers Chick Food

This is a complete, scientifically compounded food for young chicks. It is a mixture of 11 different grains and seeds proportioned so as to meet all the needs of growing chicks, and to thoroughly nourish them. In compounding Cyphers Chick Food, the protein (or flesh and muscle forming element) is maintained high, the carbo-hydrates (or fat and heat forming elements) are reduced to their proper proportion and the ash (or mineral elements) is in sufficient amount to supply the needs of the rapidly growing bird. Put up in 100-lb. bags. Price furnished on application.

Crescent Chick Food

CLEAN. SOUND. SWEET.

A complete Grain Feed for Chicks.

A standard mixture of recleaned cracked grains, seeds and hulled oats in proportions necessary to promote the healthy and rapid growth of chicks. Put up in 100-lb. bags. Price furnished on application.

Cyphers Developing Food

Cyphers Developing Food is a special food intended for properly maturing young chicks, after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Put up in 100-lb. sealed bags only, bearing manufacturer's trade-mark. Prices furnished on application.

Mealed Alfalfa

This is the best form of clover for use in mash food for small chicks, the meal being ground just coarse enough to give bulk to an otherwise soggy mash, and thus allowing the gastric juices to become mixed with the food and to assist in thoroughly digesting it. Mealed clover contains the entire food plant—nothing is removed. Put up in 100-lb. bags. Prices furnished on application.

Cyphers Forcing Food

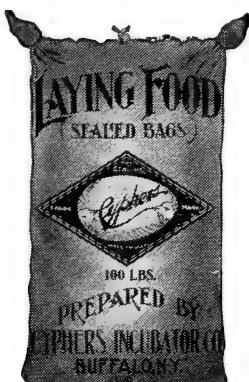
The mash food specially designed to promote rapid growth. Put up in 100-lb. bags. Prices furnished on application.

Cyphers Scratching Food

An ideal dry-grain mixture; affords variety and promotes exercise. Put up in 100-lb. bags. Prices furnished on application.

Cyphers Laying Food

A balanced ration, ready mixed for the daily mash. Put up in 100-lb. bags. Prices furnished on application.



Globe Scratch Feed

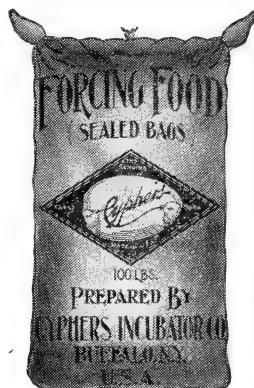
CLEAN SOUND SWEET

This is a standard mixture of Poultry Feed, manufactured from selected cracked and whole grains and seeds, scientifically mixed to furnish a complete balanced ration, with an assortment of material best adapted for rapid growth and egg production. The protein, fat and carbohydrates, are so maintained as to form the greatest feeding value and produce best results. Put up in 100-lb. bags. Prices on application.

Queen Poultry Mash

CLEAN SOUND SWEET

A selected mixture of ground feeds, manufactured from the choicest sound, sweet and wholesome grain. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl. Put up in 100-lb. bags. Prices on application.



GARANTOL

The Very Best and Cheapest Egg Preservative on the Market



Clean, fresh eggs properly preserved with Garantol keep fresh for a year and longer.

We have sold Garantol for a number of seasons. Out of all the people using it, we have not heard a complaint. Without an exception, they all claim that eggs preserved in Garantol are fully equal to fresh laid eggs.

Send for descriptive circular and testimonials.

PRICES

Package A, enough for 120 eggs	\$.30
Package C, enough for 400 eggs	\$.50
Package E, enough for 1,200 eggs	\$1.50
Package F, enough for 2,400 eggs	\$2.50

Trial package, enough for 10 dozen eggs, 30 cents postpaid.

CYPHERS FULL-NEST EGG FOOD

A Meat Food Tonic Conditioner That Makes Hens Lay

Full-Nest Egg Food is the standard condition powder for all ages of poultry. Besides being an unexcelled egg producer, it is a concentrated meat food possessing tonic properties, which promote good health and fine condition. It stimulates and invigorates, but unlike other tonic foods, it also builds up the system and keeps it up. Many condition powders tone up the bird's system for a while, only to let it drop back as soon as the use of the tonic is discontinued. Full-Nest Egg Food will help your birds through their molt, make the feathers develop normally and induce a high state of perfection in plumage. Hens begin laying sooner after molting where this egg food is used. Full-Nest Egg Food contains no injurious drugs or chemicals; it is safe and easy to use.

PRICE

42 ounce package.....25 cents.



Sheridan's Condition Powders

Price per package, 25 cents.

Bradley's Superior Meat Meal

See page 45.

Mica Crystal Grit

See page 45.

Cracked Poultry Bone

100 pound bag.....\$2.50

Lambert's Death to Lice

14 ounce package.....25c

48 ounce package.....50c

Rust's Egg Producer

1 pound box.....25c

2½ pound box.....50c

Bone Meal for Poultry and Cattle

100 pound bag.....\$2.50

Charcoal for Poultry

See page 45.

Ground Meat Scraps

100 pound bag.....\$2.75

Ground Oyster Shells

100 pound bag.....60c

Opal Nest Eggs

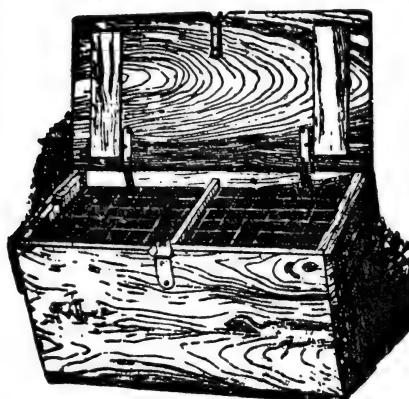
Per dozen.....30c

Knox-Em-All Horse and Cattle Powders

A sovereign remedy for loss of appetite, indigestion, worms, colds, coughs, etc.

Price per package.....25 cents.

QUEEN CITY EGG CASES



The Most Popular Egg Case in the Market with Patent Hinge and Fastener

PRICES COMPLETE

56 dozen	.....	\$1.40
49 dozen	.....	\$1.30
30 dozen	.....	\$1.15
15 dozen	.....	\$.90
8 dozen	.....	\$.70

FILLINGS

56 dozen	.....	\$.65
49 dozen	.....	\$.60
30 dozen	.....	\$.50
15 dozen	.....	\$.25
8 dozen	.....	\$.20

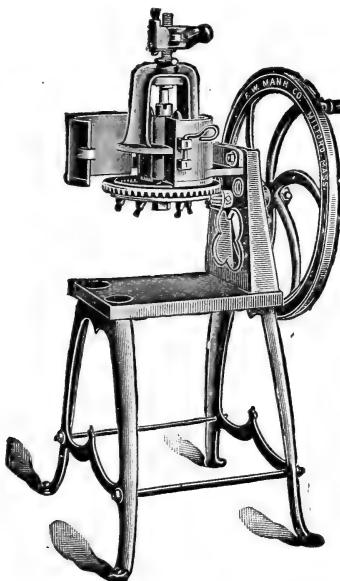
MANN'S GREEN BONE CUTTER

The most successful hand or power machine on the market for cutting green bones.

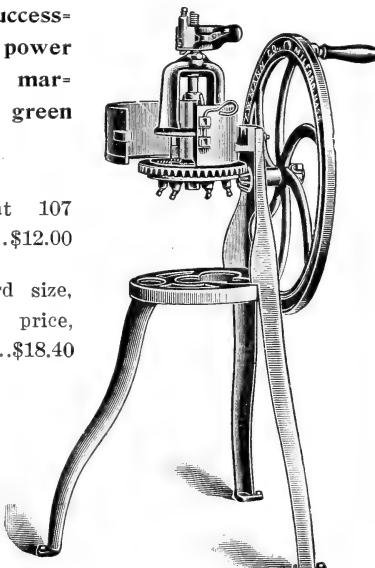
No. 7, weight 107 lbs., price.....\$12.00

No. 9, standard size, weight 163 lbs., price,\$18.40

No. 11, combined hand and power, weight 215 lbs., price,\$26.00



No. 9. Weight 163 Lbs.



No. 7. Weight 107 Lbs.

No. 5 Crank Bone Cutter

A Grand Good Bone Cutter for a Little Money

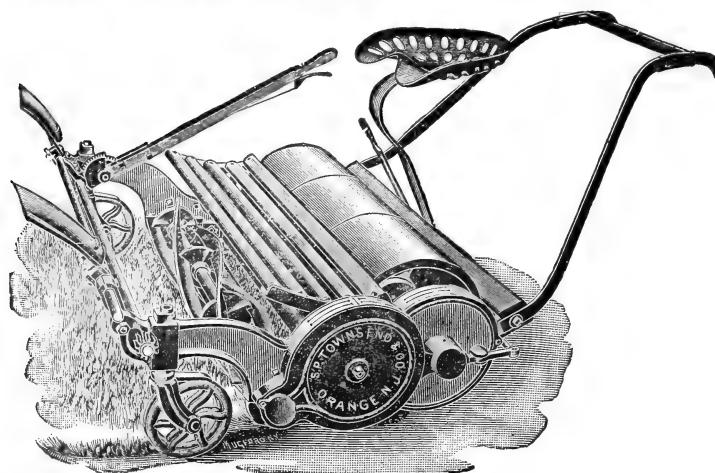
This cutter is designed expressly for small flocks. It is strong and durable and greatly superior to any other bone cutter for the price. Cuts any kind of bone, hard, dry or green.

PRICE LIST

No. 5 C, with Crank, weight 30 lbs.....	\$6.00
No. 5 B, with Balance Wheel, weight 55 lbs.....	\$8.00



THE TOWNSEND HORSE LAWN MOWER



This mower has triple ratchet. Can change the height of cut instantly. The driver has perfect control of the blades; it can be thrown out of gear without stopping the horse.

PRICES

30 inch.....	\$65.00
38 inch.....	\$75.00

Send for descriptive circular.

“Victory” LAWN MOWER

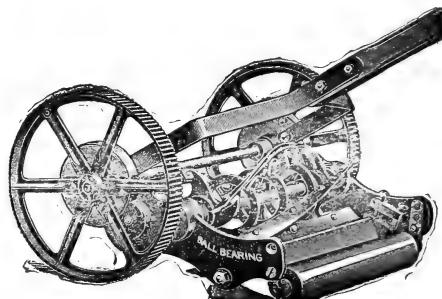
This machine has Ball Bearings of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect, and most positive.

These mowers are high speeded and have a four-bladed reel, which leaves the lawn with a very smooth and velvety surface.

Width of Cut		Manuf'r's Price	R. B. D. & Co.'s Price
14 inches.....	10-inch wheel.....	\$20.00	\$ 8.00
16 inches.....	10-inch wheel.....	\$22.00	\$ 9.00
18 inches.....	10-inch wheel.....	\$24.00	\$10.00
20 inches.....	10-inch wheel.....	\$26.00	\$11.00



“Spider” LAWN MOWER

WITH BALL BEARINGS

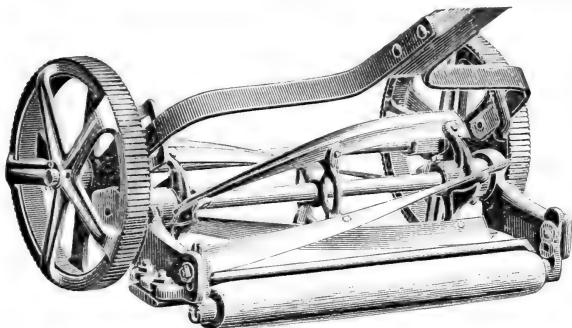
The Spider Mower is light and strong, and glides over the lawn lightly, easily and almost noiselessly reminding you strongly, as it nips off the grass, of the vigorous action of the ferocious and cunning little insect whose name it bears. This machine has finely adjusted, high grade ball bearings, which greatly reduce the friction and render it possible to use much wider machines than heretofore with parallel bearings.

Has two pawls in each pinion, making the machine much more positive and durable. The reel is four bladed and high speeded, which leaves the lawn with a very smooth and velvety surface.



Width of Cut		Manuf'r's Price	R. B. D. & Co.'s Price
14 inches.....	9-inch wheel.....	\$20.00	\$7.00
16 inches.....	9-inch wheel.....	\$22.00	\$7.50
18 inches.....	9-inch wheel.....	\$24.00	\$8.00

Matchless Ball Bearing Lawn Mower



Has four crucible steel blades and 9-inch diameter wheels. Very simple in construction; durable and easy running.

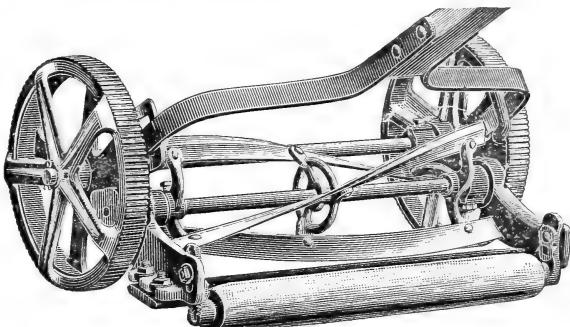
Width of Cut	Price
14 inches.....	\$4.50
16 inches.....	\$4.75
18 inches.....	\$5.00

GLIDE LAWN MOWER

Has three revolving steel blades and 9-inch diameter wheels.

We consider this to be the best plain-bearing, low-priced mower on the market.

Width of Cut	Price
14 inches	\$3.50
16 inches.....	\$3.75
18 inches.....	\$4.00



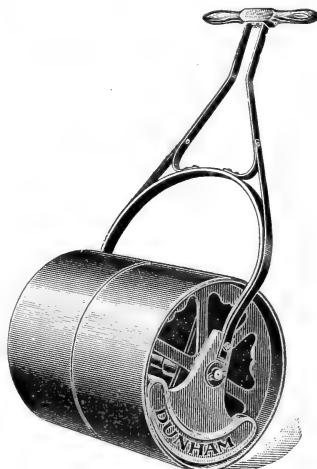
The Dunham Lawn Roller

The Only Lawn Roller With Roller Bearings

The Easiest Running Roller on the Market

The most essential tool for the care of a lawn is a roller. In the winter when the ground becomes frozen it expands, just as water does when it freezes. The thaw which follows the first warm days of spring allows the soil to settle back in its former position. But the sod, being much lighter than the soil, does not settle with the same rapidity. Large patches of grass roots in every lawn are thus left stranded in the air until after the growing season begins. The grass in these patches will die unless rolled down with a heavy roller as soon as the frost is out of the ground, so that the roots may again come into firm contact with the soil.

The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty.



PRICES

Diameter	Length	Weight	Manuf'r s Price	R. B. D & Co.'s Price
No. 407....	20 inches....	24 inches....	300 lbs....	\$18.50
No. 410....	24 inches....	24 inches....	450 lbs....	\$27.50
				\$14.00
				\$21.00

Lawn Sprinklers

Busy Sprinkler



This sprinkler is so arranged that the spoon revolves, no matter at what angle the sprinkler may be held. It is a good distributor of water and one of the most popular forms.

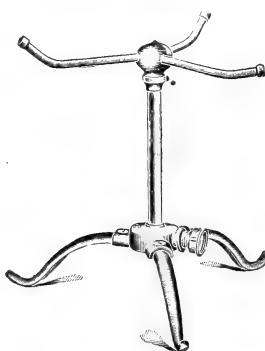
Price 75 cents.



The Ring Lawn Sprinkler

Made of sheet brass, very fine perforations. Will stand the heaviest pressure.

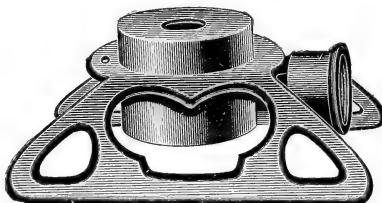
Price 75 cents.



Sunshine Sprinkler Ball Bearing

This sprinkler has three long arms so adjusted on ball bearings that they will revolve with the slightest pressure. Arms nickel plated. Height about 12 inches.

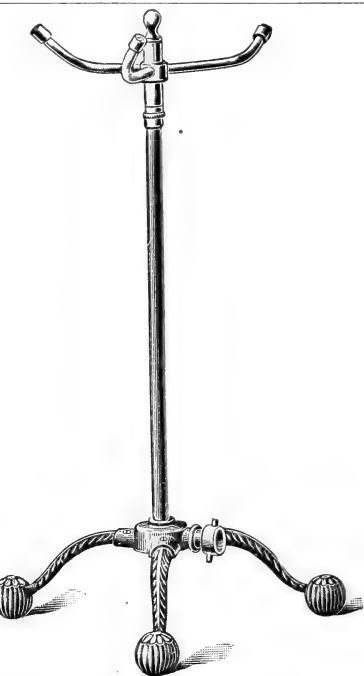
Price \$1.25



Evanston Sprinkler

This sprinkler is built on the well known principle of the tangential spray. It has no revolving parts to wear out. A very durable, popular sprinkler at a low price.

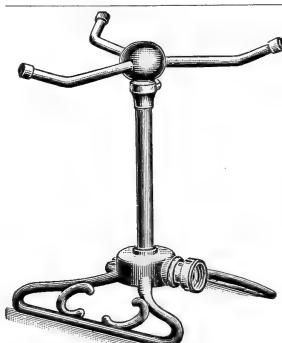
Price 50 cents.



Texas Sprinkler

This sprinkler stands 24 inches high, has a heavy base and revolving top with four arms. Head and arms nickel plated.

Price \$1.75



Pluvius Sprinkler Ball Bearing

Same as the Sunshine, but fitted with sled base, so that it can be pulled over the lawn without damage to the turf. Arms nickel plated. Height about 12 inches.

Price \$1.25



Grass Shears

For trimming the grass along the edges of walks, etc., and in places inaccessible for the Lawn Mower.

Price, 25 cents.



Hose Couplings

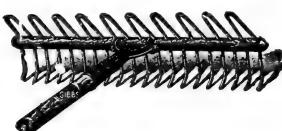
Prices: $\frac{1}{2}$ -inch, 15 cts; $\frac{3}{4}$ -inch, 15 cts.; 1-inch, 25 cts.



Turf Edging Knife

Fitted with long handle for trimming the turf and grass along the edge of walks, etc.

Price 60 Cents



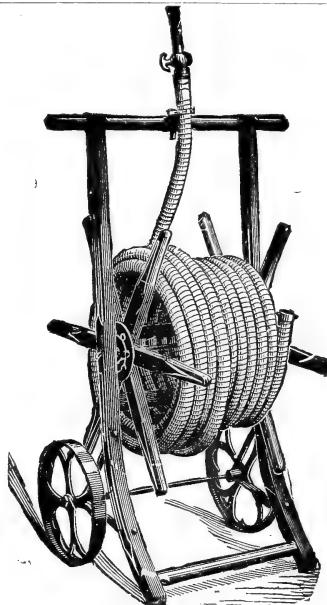
Price 40 cents.



The best Grass Hook made.

English Concave Grass Hooks

Price 50 cents.
Common Grass Hooks 25 cents.



Hose Reel

This Reel will carry 100 feet of $\frac{3}{4}$ -inch hose. It is made of white ash. Nicely painted vermillion red and varnished. Very strong and durable.

Price \$2.25

WIRE LAWN RAKE

A strong, reversible, steel lawn rake. Heavily tinned and very light.

Price 40 cents.

WOOD LAWN RAKES

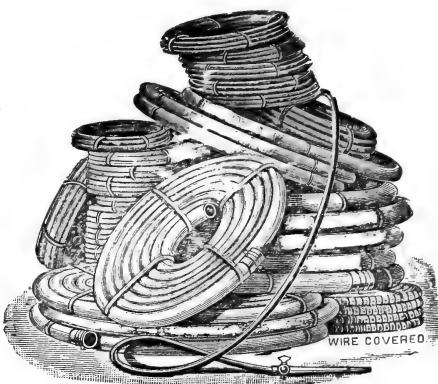
Price 40 cents.

Garden and Lawn Hose

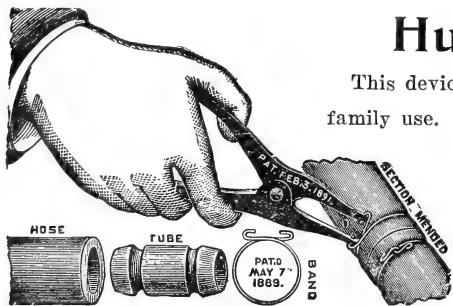
We carry a full line of garden hose in 1, $\frac{3}{4}$ and $\frac{1}{2}$ -inch, both in Rubber and Cotton, suitable for ordinary or heavy pressure. All of our hose is warranted and is sure to give satisfaction.

We also carry steam hose.

Prices furnished on application.



Hudson Hose Menders



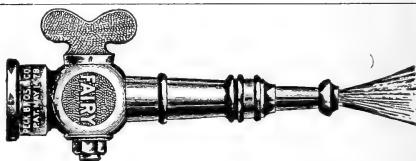
This device is put up in boxes and is especially adapted for family use. It is made up in two sizes, for $\frac{1}{2}$ -inch and $\frac{3}{4}$ -inch hose. Each box contains 1 pair pliers, 6 tubes and 20 bands. The pliers are made of refined iron nicely Japanned. The tubes are of sheet brass and the bands are of best malleable brass wire.

Price, per box, 1-2 or 3-4 inch, 75 Cents

Fairy Hose Nozzle

The best form of Combination Hose Nozzle, throwing either a straight stream or spray.

Price, Nickeled, 60 Cents



Price, Brass, 50 Cents



Boston Spray Nozzle

One of the best combination Hose Nozzles. Throws either a straight stream or spray. Very simple and strong in construction, will not wear out or get out of order. Very solidly made of fine cast brass.

Price 40 cents.

Sure Grip Hose Clamps

These clamps are made of wrought steel and are very simple in construction. Anybody can apply them and they will not leak.

Prices: $\frac{1}{2}$ -inch, 4 cts.; $\frac{3}{4}$ -inch, 4 cts.; 1-inch, 6 cts. each.

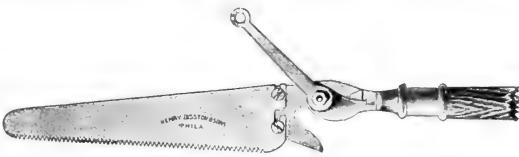


“Little Giant” Pruning Hook and Saw

Good, Cheap, Simple and Durable.

The knife and saw are both made of the best of steel, and can be used with or without a pole. The tool is light and very strong. The saw can be detached where its use is not required. This pruner will fill a long-felt need, as it combines two useful tools in one.

Price (without pole).....\$1.60.



Disston's Improved Pruning Saw and Knife



This saw is designed for attachment to a pole, so the upper branches of trees can be readily pruned without the aid of a ladder, the knife or saw being brought into requisition as may be required.

Price (without pole).....\$1.00.

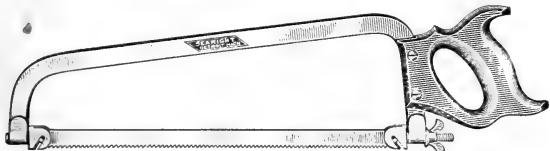
FOREST PRUNING SAW

Polished steel frame, socket handle. This saw is designed for attachment to a pole or the socket can be used for a handle as desired.

Price (without pole).....\$1.50.

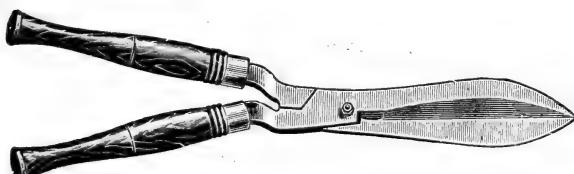


Detroit Hand Pruning Saw



Price\$1.50

This is a bracket hand-pruning saw with blade so arranged as to be turned to any angle. This type of saw is most popular, because it is light, is capable of being used at any angle with practically no danger of breaking or buckling the saw.



Hedge Shears

5½-inch	\$1.25
9-inch, notched for cutting limbs	\$1.75
9-inch	\$1.50

PRUNING SHEARS

No. 00.....25 cents.

No. 3.....50 cents.



No. 00

STANDARD TREE PRUNER



It does not crush the wood like the thick bladed shears.

It is the lightest device made for the purpose.

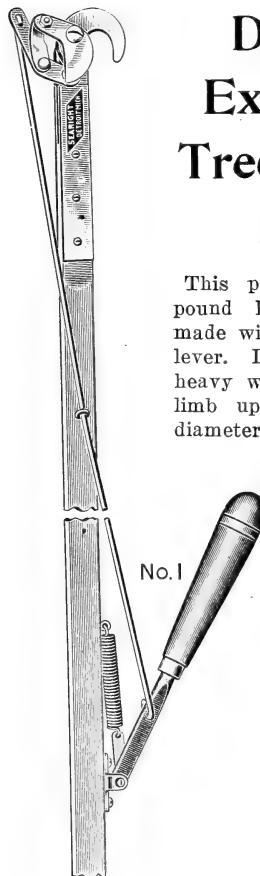
It will cut larger wood than any other device that is practical to handle.

It will clip the slightest twig on the extreme end of the limb.

It will reach higher than any other.

PRICE LIST

8 ft. 75c 10 ft. 75c 12 ft. 85c 14 ft. \$1.00 16 ft. \$1.10



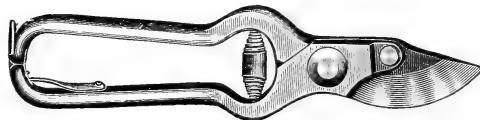
Detroit Extension Tree Pruner No. 1

This pruner has a compound lever head and is made with a hook and side lever. It is calculated for heavy work and will cut a limb up to $1\frac{1}{4}$ inches in diameter.

The strength, durability and easy cutting qualities of these pruners will appeal to all who may use them.

PRICES

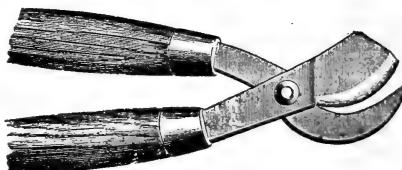
8 ft. Handle....	\$2.00
10 ft. Handle....	\$2.00
12 ft. Handle....	\$2.00
14 ft. Handle....	\$2.25
16 ft. Handle....	\$2.25



Detroit Pruning Shears

Of large size, measuring nine inches over all, with forged steel blades. Very strong, durable and easy cutting.

Price 75c each.



Rockdale Pruner

For cutting large branches; very strong and of finest quality.

PRICES

24-inch Handle	\$.85
41-inch Handle	\$1.00



Detroit Two Hand Pruner

This pruner is designed on scientific principles and is the result of long study and experimental work, very strong and durable. The blade positively will not cut or dig into the hook. The blade will not push the branch from between it and the hook. By dropping the hook considerably below the center line we have produced a positive draw cut superior to any other, with an opening between blade and hook allowing a straight thrust at the branch.

Price with 24-inch handle.....\$1.00



Clyde Clipper Draw Cut Pruning Shear

The construction of this Pruning Shear produces a powerful sliding cut movement of the blade. The Blade, Hook and Shank are made from Tool Steel and held together by a bolt with lock nut. The Handles are re-enforced by a pressed steel ferrule and cap.

Price with 24-inch handle.....\$1.75

Price with 30-inch handle.....\$2.00



PRUNING KNIFE

Old Standard Clasp Handle, steel blade and steel lined with heavy steel trimmings.
Price \$.50

Hercules Post Hole Digger

This is a standard and well known digger. Is made of good material, well finished, durable and substantial.

Price \$1.50.



Iwan's Patent Improved Post Hole Auger



The best and easiest earth boring auger on the market. It is so constructed that it requires but very little pressure in using and will bore in all kinds of ground.

PRICES

6-inch	.....	\$1.55
8-inch	.....	\$2.00
9-inch	.....	\$2.25



Four-Tine Spading Fork

Made with heavy angular tines and heavy Strap Ferrules.

PRICES

D Handle	75 cents.
Long Handle	75 cents.



Stone Picking Fork

One of the handiest tools on a farm. Small rocks can be picked up in quarter of the time and no backaches.

PRICE

Long Handle	75 cents.
-------------------	-----------



Manure Forks

Made of the best tempered steel and furnished with selected white ash handles.

PRICES

Four Tine, D Handle	60 cents.
Four Tine, Long Handle	60 cents.
Five Tine, D Handle	75 cents.
Five Tine, Long Handle	75 cents.
Six Tine, D Handle	90 cents.
Six Tine, Long Handle	90 cents.



Steel Garden Rakes

Made of the best tempered steel and furnished with selected white ash handles.

PRICES

Twelve Teeth	45 cents.
Fourteen Teeth	50 cents.
Sixteen Teeth	55 cents.



Potato Scoop Fork

Every farmer needs one. It is the best tool on earth for handling Potatoes, Onions, Beets, Turnips, Corn on the Cob, Ensilage, etc. Does not bruise or cut vegetables. It screens out dirt, etc.

PRICE \$1.75



Railroad Pick Axes

Made in three sizes.

PRICES

Five Pound	55 cents.
Six Pound	60 cents.
Seven Pound	65 cents.

Handles Extra, 25 cents each.

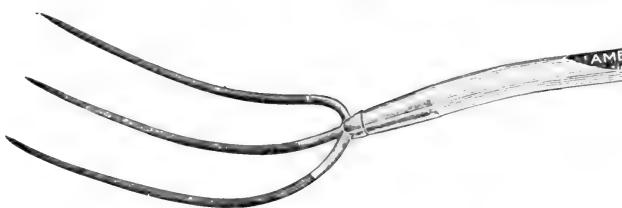


Adze Eye Mattocks

PRICES

Short Cutter	60 cents.
Long Cutter	65 cents.
Handles Extra, 25 cents each.	

HAY FORKS



Three Tine Bent Handle.
Made of best tempered steel
and furnished with selected
white ash handles.

PRICES

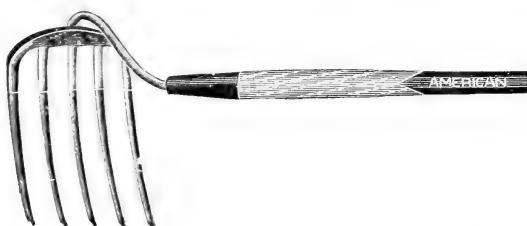
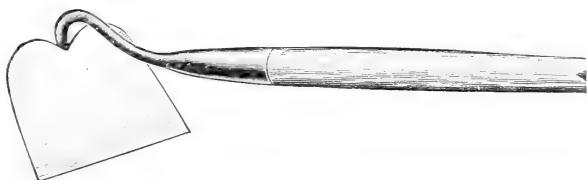
13-inch	50 cents
14-inch	55 cents
15-inch	60 cents

HAND HOES

Finely tempered steel blade,
white ash handles.

PRICES

Shank Hoe.....	40 cents
Socket Hoe.....	45 cents



Steel Potato Hooks

Finely tempered oval steel tines, solid
shank, white ash handles.

PRICES

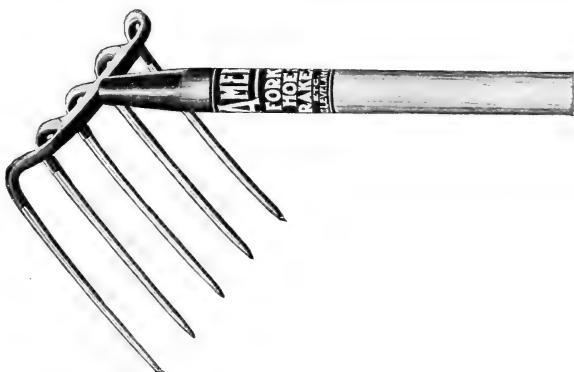
5 Tine, goose neck	55 cents
6 Tine, goose neck	60 cents
5 Tine, swan neck	60 cents
6 Tine, swan neck	65 cents

Steel Potato Hooks

Finely tempered, bent, oval
tines, solid shank, white ash
handles.

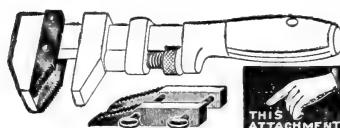
PRICES

5 Tine, Bent Tine....	55 cents
6 Tine, Bent Tine....	60 cents



Price \$1.00

The
Lightning
Pattern
Hay
Knife
Solid Steel



Yankee Jaws

Fits any monkey wrench and makes it a pipe wrench. All know that a pipe wrench is a very handy tool, but expensive. Now all can have one. Try it; if not as claimed, money returned.

Price, 25 cents.

Wescott Wrenches

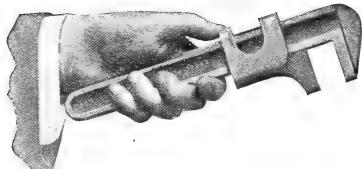
A very handy wrench, on account of the style of construction. Can very often be used where it is impossible to use a monkey wrench.

6-inch opens to $\frac{3}{4}$ -inch.....
8-inch opens to 1-inch.....
10-inch opens to $1\frac{3}{8}$ -inch.....
12-inch opens to $1\frac{5}{8}$ -inch.....
14-inch opens to 2-inch.....



Size and Prices

\$.45
\$.60
\$.75
\$.95
\$1.30



The Wright Wrench

Just press the thumb to adjust instantly to any size nut. It is a time saver, a labor saver, very simple and easy of adjustment. The strongest and best wrench on the market.

PRICES

6-inch.....	\$.50	12-inch.....	\$.85
8-inch.....	\$.60	15-inch.....	\$1.50
10-inch.....	\$.75	18-inch.....	\$1.75

Monkey Wrenches



Agricultural Wrenches

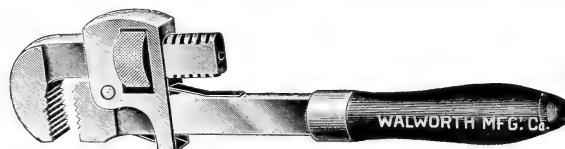
Prices

8-inch.....	.....	35 cents
10-inch.....	.....	40 cents
12-inch.....	.....	50 cents

Coe's Knife Handle Wrenches

Prices

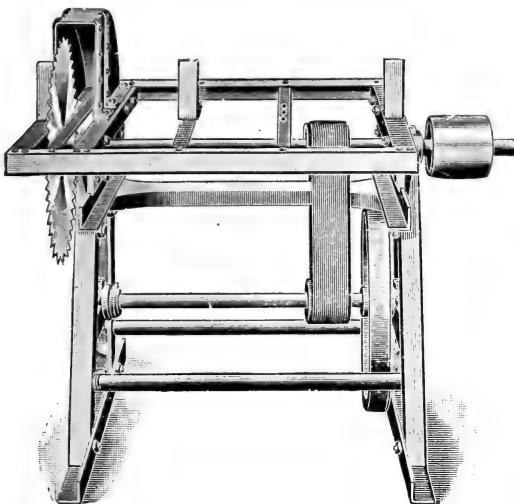
6-inch.....	\$.50	12-inch.....	\$.80
8-inch.....	\$.60	15-inch.....	\$1.40
10-inch.....	\$.70	18-inch.....	\$1.75
21-inch.....	.....	.....	\$2.10



STILLSON WRENCHES

Prices

6-inch.....	.....	\$.75
8-inch.....	.....	\$.75
10-inch.....	.....	\$.85
14-inch.....	.....	\$1.15
18-inch.....	.....	\$1.50



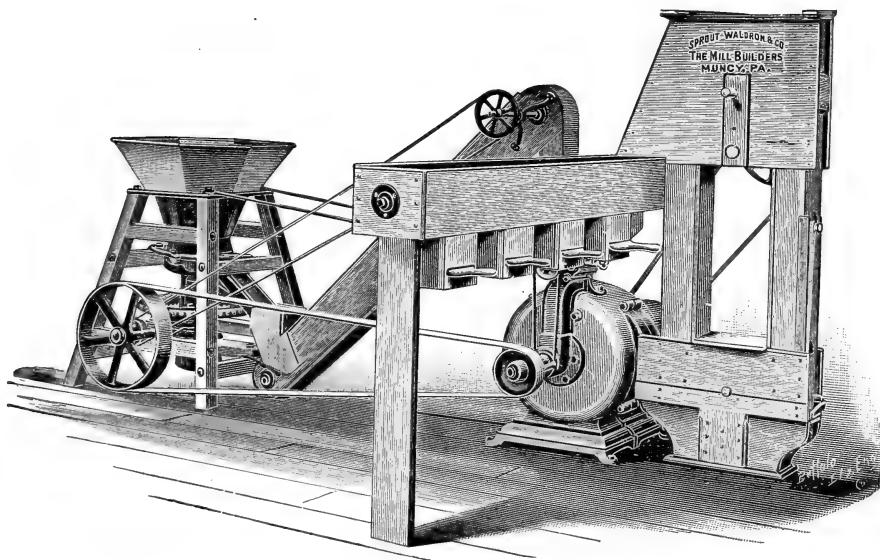
Slide Table Steel Frame Wood Saw

This saw has the balance wheel below the table, so as to admit of Pole Sawing. It is built of heavy steel and iron, is strong and durable and a great favorite with all who use it.

Being made of steel, it is lighter than a wood frame, which makes it much easier to handle.

Write for prices.

Monarch French Burr Feed and Meal Mills



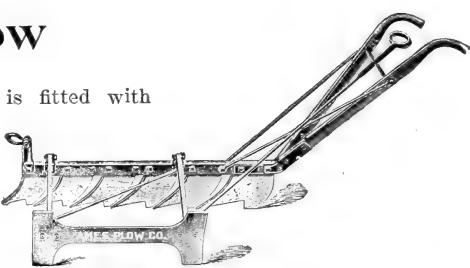
Above outfit consists of Monarch French Burr Mill, combined with Elevator and Bagger and Corn and Cob Crusher.

Send for descriptive catalogue and prices.

Red, White and Blue Ice Plow

The Banner Plow

Good quality at a low price. This plow is fitted with patent clearing tooth, and is especially designed for dairies, hotels, butchers, farmers, and cutters generally, who want a low-priced implement combined with material, workmanship, and finish all of the first class. These plows are put up in exactly the same manner and by the same workmen as the expensive plows, and they will stand up steadily to the work.



Number	Size			
A P 4	7 1/2-inch, 5 cutting teeth and 22-inch swing guide.....			\$27.00
A P 5	9-inch, 5 cutting teeth and 22-inch swing guide.....			\$30.00
A P 11	10 1/2-inch, 5 cutting teeth and 22-inch swing guide.....			\$32.00

Adjustable swing guides, 16 to 22 inches, \$1.50 extra.
Prices on different sizes of plows furnished on application.



Pond Ice Saws

PRICES

4 Foot Saws With Handle.....	\$2.75
4 1/2 Foot Saws With Handle.....	\$3.00
5 Foot Saws With Handle.....	\$3.25

ICE HOOKS



Ice Hooks With 3 1/2 Foot Handle.....	.75 cents each
Ice Hooks With 4 Foot Handle.....	.75 cents each
Ice Hooks With 4 1/2 Foot Handle.....	.75 cents each
Ice Hooks With 5 Foot Handle.....	.75 cents each



Boston Pattern Ice Axe

Price	\$1.50
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SPLITTING FORK

Splitting Fork, with Ring Handle..... \$4.75



PACKING CHISEL

Packing Chisel, with Ring Handle..... \$3.75
Socket Packing Chisel, with Wood Handle..... \$3.50



SPLITTING CHISEL

Ring Handle Splitting Chisel..... \$2.65



Boston Pattern Ice Tongs

This pattern of ice tongs is used more generally than any other style.
They are hand-forged and of extra quality steel.

PRICES

10-inch, for family use.....	\$.50
18-inch, medium	\$.75
26-inch, large	\$1.10

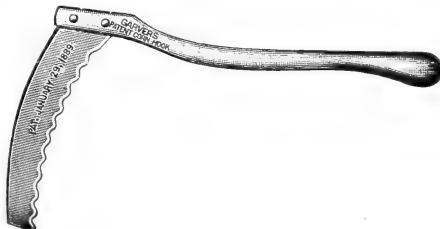
Hoisting Tongs

26-inch, with chain handle, extra heavy..... \$1.25

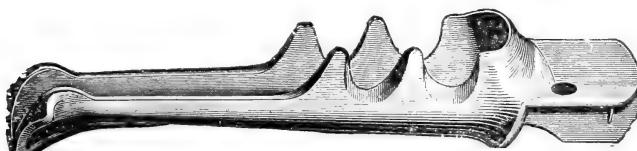
Serrated Edge Corn Hooks

Made of specially selected spring steel and carefully tempered. One of the best tools for cutting corn ever put on the market. The serrated edge makes it cut very easy, and the correctly shaped handle makes it very convenient and easy to use.

Price 50 cents.



Post's Improved Eureka Sap Spout With Patent Air Trap



This is the only Sap Spout that is made on strictly scientific principles. They are the most simple, durable and economical. They apply to the tap hole in the tree firmly and without leakage or breakage and obstruct no pores of timber.

Price, per hundred, regular size	\$1.75.
Price, per hundred, short size	\$1.50.



WOOD SAWS

Wide or Narrow Blades.

Prices from 50 cents to \$1.00.

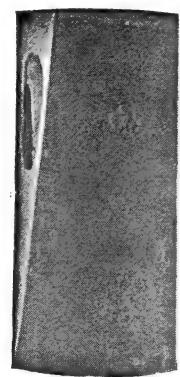
All of our best saws fully warranted.

Sole Agents for the
DAMON BROS.
Hand Hammered Warranted
AXES

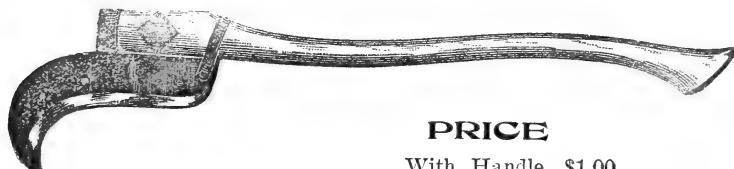
Made in Damascus, Maine

PRICES

Maine pattern	\$1.00	each
Wedge pattern	\$1.00	each
Double bitted	\$1.75	each



STRAPPED EYE BUSH HOOKS



PRICE

With Handle, \$1.00.



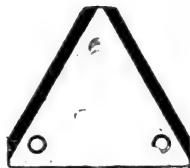
CAST IRON MAULS WITH WOOD HANDLES

These mauls are made with an oval eye and are fitted with wood handle. They are got up as a cheap maul for driving fence stakes, fence posts and like work.

PRICES

12 pound	\$.60
15 pound	\$.75
18 pound	\$.85
20 pound	\$1.00

SECTIONS

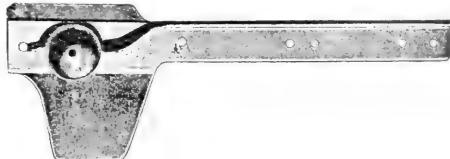


We carry a full line of sections for all the leading mowers. In ordering be sure and mention size of section wanted.

Price.—Sections, any kind, 5 cents each; per box of 25, \$1.00; rivets included.

Knife Heads

For All the Leading Mowers.



Guard Fingers

For All the Leading Mowers.

ZINC OILERS, CHASE PATTERN

PRICES

Steel Bottom

No. 1.....	10c
No. 2.....	12c
No. 3.....	15c
No. 4.....	20c

Brass Bottom

No. 1.....	15c
No. 2.....	18c
No. 3.....	20c
No. 4.....	25c



Rope Hitches

Price, 25 cents each.



Guard Plates

For all the leading mowers.

Price, 5 cents each.



Flat Bottom Machine Oilers

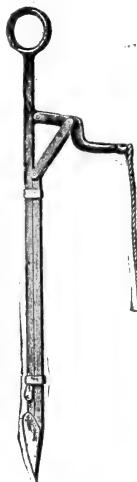
Price, 10 cents each.

Pure Manilla Rope for Horse Forks at Lowest Market Prices



Double Harpoon
Horse Pitchfork.

Price \$1.25



Single Harpoon Horse
Pitchfork,
Walker Pattern,

Price \$1.50

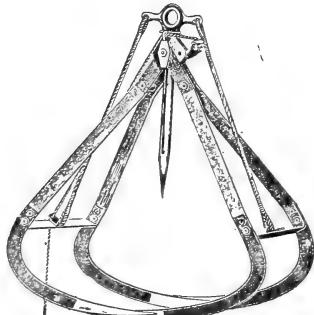


Single Harpoon Horse
Pitchfork, Nellis Pattern,

Price \$2.50

We have extra large Double
Harpoon Forks for handling
straw or light hay, if desired.

Write for prices.



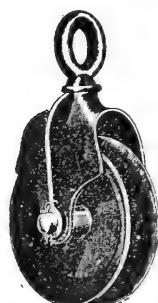
Grapple Horse Pitchfork

These forks are made from the best quality of spring steel and highly finished.

They never fail to give satisfaction.

Price of Four Tine \$5.00.

Price of Six Tine \$5.50.



Iron Frame
Sheave Pulley,
Price 25c



Iron Frame
Maple Sheave Pulley,
Price 25c



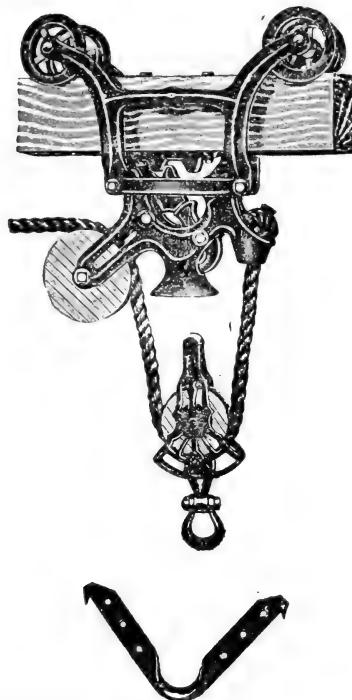
Wrought Iron
Floor Hook,
Price 15c



Steel Grapple,
Price 50c

Ney's Swivel Reversible Wood Track Hay Carrier

For 4 x 4 Wood Track



This carrier is made entirely of malleable iron. All wheels revolve on turned iron bushings. Most simple lock ever devised; contains no springs, lugs or pins to break or wear out. Will not pass the trip block while in operation. The most convenient Reversible Carrier on the market.

Price \$4.00



Rafter Bracket for Wood Track
75 Cents Per Dozen

Track Hanger for Wood Track
\$1.00 Per Dozen

Ney's Swivel Reversible Steel Track Hay Carrier

This carrier possesses advantages as a reversible carrier that cannot be found in any other machine. It will not pass the bumper or trip block while in operation, has the most simple lock of any carrier yet produced. The lock is positive and the load is held sure and cannot fail to work perfectly.

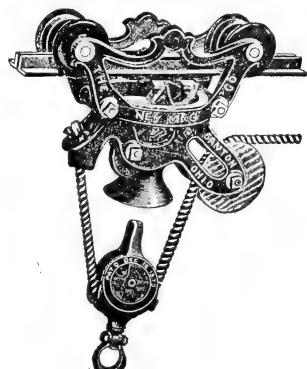
Price of Carrier \$4.50.

Price of Steel Track, per ft..... \$.12.

Track comes 6, 8 and 12 feet lengths.

Rafter Brackets for steel track..... 75 cents per dozen

Track Hangers for steel track..... \$1.00 per dozen



The Samson Mounted Grindstone

Mounted With Specially Selected Stone

This frame is made of seasoned hardwood. The legs are securely gained into the side pieces and the ends are in one piece. Two bolts at each end pass through the entire frame from side to side. The ends of the side bars are neatly turned to serve as handles.

The "SAMSON" being strongly braced and bolted stands absolutely solid. It is one of the strongest and most showy frames made.

No. 1. Stone from 28 to 30 inches in diameter, \$3.75.

No. 2. Stone from 24 to 26 inches in diameter, \$3.50.

We ship Mounted Grindstones knocked down.



The Sterling Mounted Grindstone

A steel tubular frame, mounted grindstone. Ball bearing throughout. Is absolutely the best mounted grindstone on the market.

A double treadle frame embracing the bicycle features of our bi-treadle. Constructed of 1 1-16 and 1 1-4-inch diameter heavy steel tubing, braced securely with heavy material; all rods and bolts are threaded; there are no cotter pins and no loose parts. Permanent rigidity is insured. Provided with a large comfortable seat and clothes protector, all tastefully enameled a rich vermillion.

Fitted on crank and shaft with improved ball bearings—enclosed—balls cannot work loose or drop out.

Stones about 20 inches in diameter.

Price \$4.50.

Scythe Stones



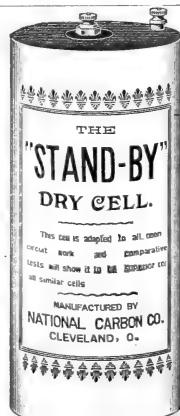
Green Mountain, a round, oval-shaped stone. Price 5 cents.
 Willoughby Lake, color bluish gray, round, oval shape. Price 10 cents.
 Ten-inch Ragg, flat, square finish, fine sharp grit. Price 10 cents.
 Black Diamond, fine gritted, very sharp, and fast cutting. Price 10 cents.

Stand-by Dry Battery Cells

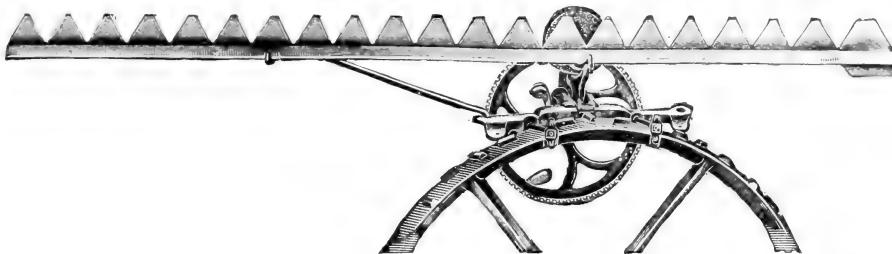
For use on Gasoline Engines, Motor Boats, Automobiles, etc.

Number 6, 2 1/2x6 inches. Price, 25 cents each.

Number 8, 3 1/2x8 inches. Price, 75 cents each.



Fowler Mower Knife and Tool Grinder



This grinder ranks first among all tool sharpeners. It can be adjusted to any position by means of the ball and socket joint and it puts a perfect bevel or sharp edge on scythes, feed cutter knives or any other edged tools without extra wheels or appliances. The bar is perfectly free and the bevel of the section or cutting edge is always in plain view of the operator and when the grinder is once adjusted it is not changed until the work is done. It is the only machine made that will grind a broken or nicked section to a serviceable edge and with it the most difficult and despised job on the farm becomes a pleasure. This is without question the very best mower knife grinder on the market. Very simple in construction and easy to operate.

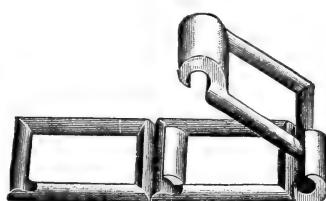
Price \$4.50

Spring Cotters

All measurements made under the eye.

Diameter Inches	Length Inches	List Per 1000	R. B. D. & Co.'s Price Per Doz.	Diameter Inches	Length Inches	List Per 1000	R. B. D. & Co.'s Price Per Doz.
1-16.	5 $\frac{1}{4}$	\$ 4.15.	5 cents	1-4	1 $\frac{1}{4}$	\$ 23.50.	8 cents
1-16.	7 $\frac{1}{4}$	\$ 4.15.	5 cents	1-4	1 $\frac{1}{2}$	\$ 27.00.	9 cents
3-32.	5 $\frac{1}{8}$	\$ 4.15.	5 cents	1-4	1 $\frac{3}{4}$	\$ 30.50.	9 cents
1-8	1	\$ 6.70.	5 cents	1-4	2	\$ 34.00.	10 cents
1-8	1 $\frac{1}{4}$	\$ 7.55.	5 cents	5-16	1 $\frac{1}{2}$	\$ 42.50.	12 cents
3-16	1	\$12.80.	6 cents	5-16	2	\$ 52.50.	14 cents
3-16	1 $\frac{1}{4}$	\$14.50.	6 cents	5-16	2 $\frac{1}{2}$	\$ 62.50.	17 cents
3-16	1 $\frac{1}{2}$	\$16.20.	7 cents	3-8	2	\$ 86.40.	20 cents
3-16	1 $\frac{1}{4}$	\$17.90.	7 cents	3-8	2 $\frac{1}{2}$	\$100.80.	25 cents
				3-8	3	\$115.20.	30 cents

We have assorted Spring Cotters put up 100 in a box, sizes from 1-16x1 $\frac{1}{4}$ to 3-16x1 $\frac{1}{2}$. Especially adapted to automobile use. Price, per box, 30 cents.



Link Chain Belting

Malleable Link Chain Belting

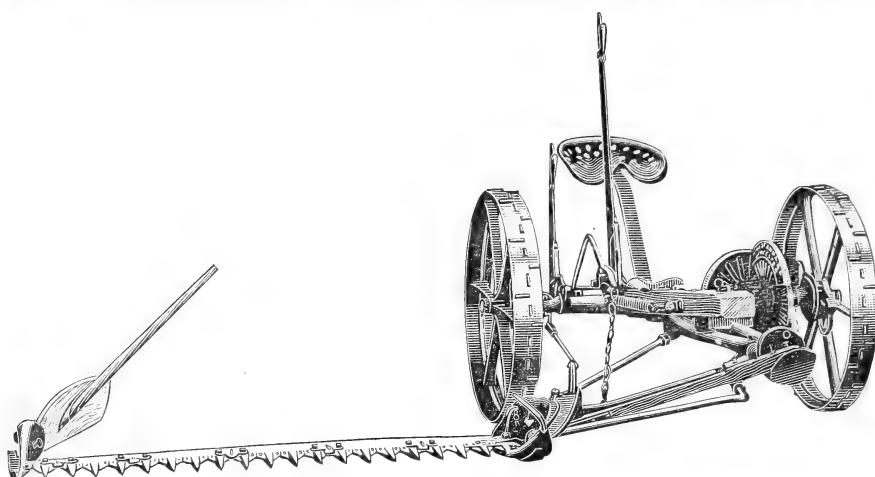
Number 25, price per foot.....	11 cents	Number 50, price per foot.....	16 cents
Number 32, price per foot.....	11 cents	Number 51, price per foot.....	17 cents
Number 33, price per foot.....	11 cents	Number 52, price per foot.....	18 cents
Number 34, price per foot.....	11 cents	Number 62, price per foot.....	22 cents
Number 42, price per foot.....	12 cents	Number 62 $\frac{1}{2}$, price per foot.....	23 cents
Number 45, price per foot.....	11 cents		

STEEL LINK CHAIN BELTING

Number 25, price per foot.....	11 cents	Number 45, price per foot.....	11 cents
Number 32, price per foot.....	11 cents	Number 51, price per foot.....	17 cents
Number 34, price per foot.....	11 cents	Number 62, price per foot.....	22 cents
Number 42, price per foot.....	12 cents	Number 62W, price per foot.....	22 cents

We carry the above sizes in stock. Other sizes furnished at short notice, if desired.

THE WORCESTER BUCKEYE MOWER



New Standard Gear

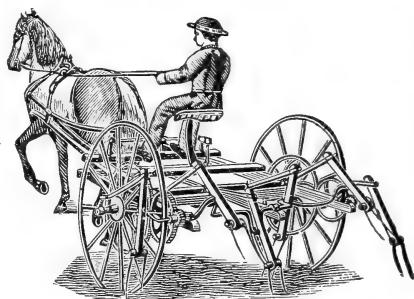
Light draft, very simple in construction, and of extraordinary strength and durability. Send for descriptive catalogue and price list. We carry a complete line of repairs for the Worcester Buckeye Mower.

Prices on Application

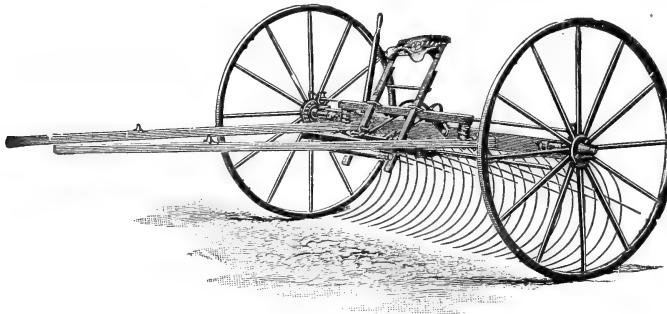
Bullard's Improved Hay Tedder

The Bullard Improved Hay Tedder, having been submitted to the severest test of field work, is admitted to be the only one yet offered to the public that will thoroughly spread long, heavy grass, taking it up from the bottom, tossing it gently into the air, and leaving it light upon the ground for free access of sun and air.

Price on Application



WORCESTER HORSE RAKE



It is made from right principles, simple, strong, durable and reliable. Will rake the roughest places as well as smooth ground.

It is so easily managed that a boy can run it as well as a man.

Price on Application

NEW YORK CHAMPION HORSE RAKE

The New York Champion Rake
Has Many Imitators, But
No. Equals.

Why It Takes The Lead

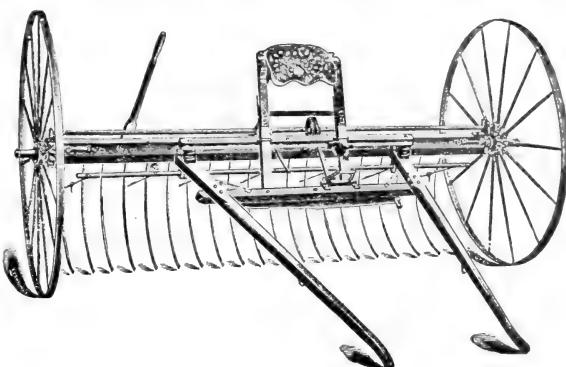
It has our patent tooth to prevent scratching.

It has no springs to get out of order.

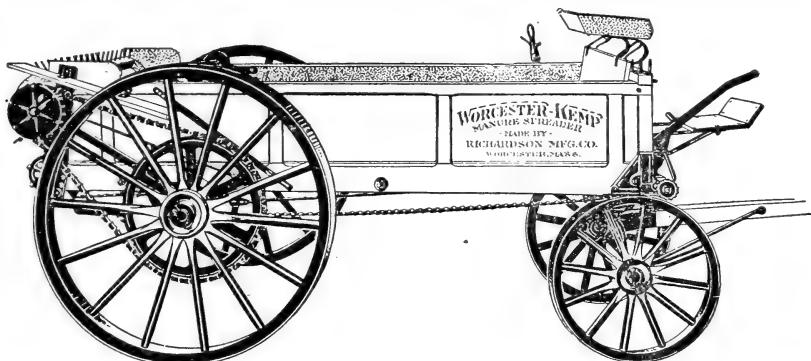
It produces no jar on the thills when dumping.

It is so easily managed that a boy who can drive a horse can use it as well as a strong man.

Every rake warranted. Write for prices.



Worcester Kemp Manure Spreader



It will evenly and thoroughly distribute all kinds of manure found upon the farm, from the roughest and toughest down to the finest including ashes, lime and fertilizers, in all conditions, wet or dry, and the time required to spread a load is from one and one-half to two minutes, without manual labor.

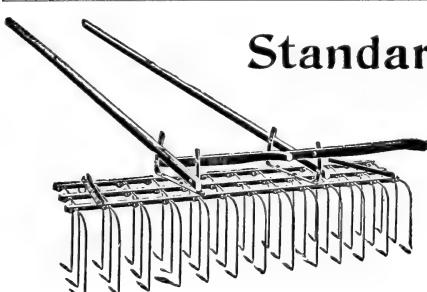
It is regulated to put out different quantities to the acre. The farmer may know exactly how much manure he is using without the trouble of measuring his field and his manure pile. It can be accurately regulated to spread any number of bushels of ashes or lime to the acre.

Send for Descriptive Catalogue and Prices.

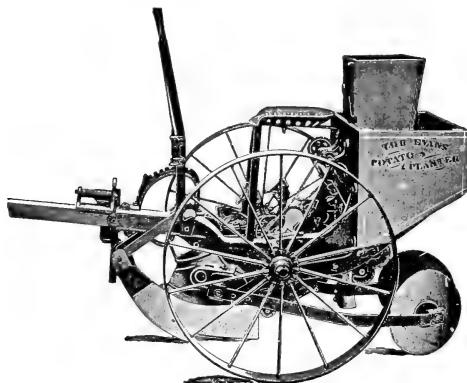
We carry a full line of repairs for this spreader.

Standard Steel Frame Weeder

This weeder is well made, strong and durable. It has a set of runners, not shown in cut, which regulate the depth of cultivation. When the weeder is used on soft ground, and shallow cultivation is desired, the runners may be set so as to cultivate at the depth desired. They are also very useful in transporting the weeder to and from the field and from one field to another.



Price \$8.00



Evans Potato Planter

This is the most improved machine of its class on the market, being strictly up-to-date in every particular.

It is a force-feed, is positive in its action, and will drop potatoes 10, 12, 14, 16, 18, 20, 28 and 36 inches apart.

The Fertilizer Attachment is a positive force-feed and any kind of fertilizer can be sown with it, at the rate of from 50 to 2,000 pounds to the acre.

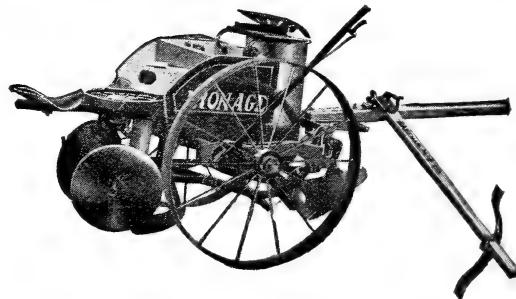
Send for Descriptive Circular.

Price \$65.00

The "Iron Age" (Improved Robbins) Potato Planter

This planter is one of the most thoroughly constructed machines on the market. It is carefully made of the very best materials and consequently is strong, durable and thoroughly practical.

Send for Special Circular.



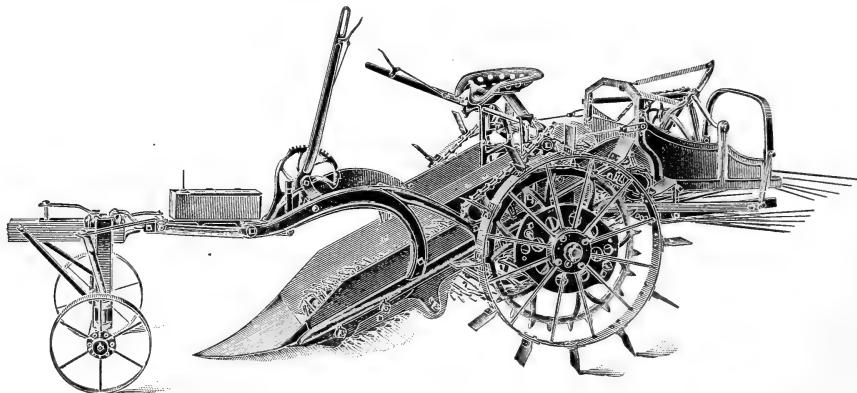
Manuf'r's
Price

Price, complete with Fertilizer Distributer, Plow, etc. \$78.00

R. B. D. & Co.'s
Price

\$70.00

THE HOOVER POTATO DIGGER

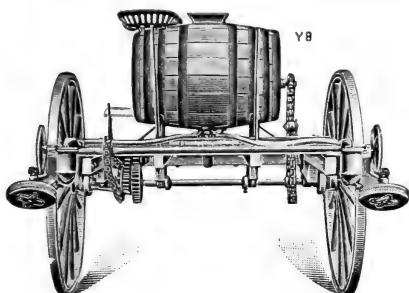


This digger is built on scientific principles and for the past twenty-five years has proven that its construction and design are correct.

The shovel, elevator, and vine separator are especially constructed to make the Hoover one of the most perfect working diggers on the market.

Send for Descriptive Catalogue and Prices.

The Standard Liquid Sprayer

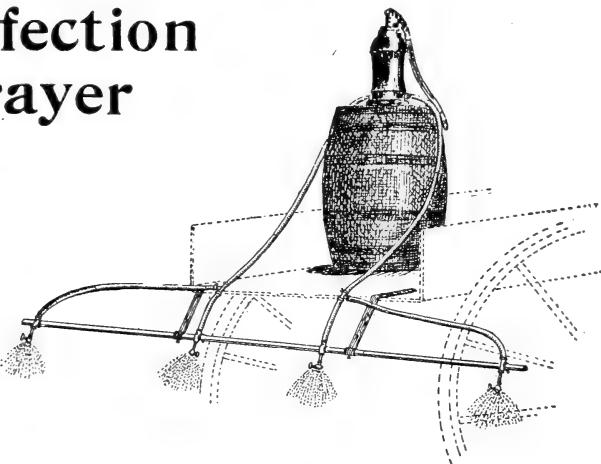


This sprayer sprays a perfect mist which completely covers all parts of the plants. It will cover thoroughly from six to eight rows, depending upon the mixture and width of row. There are no nozzles to stop up or clog, no pump or pipes to be affected by chemicals. Wheels are adjustable to different width rows.

Send for Descriptive Circular.

Price \$75.00

Perfection Sprayer



The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer can be readily adjusted to rows any width apart.

The pump is of large size, strongly constructed, and very powerful; it is also very easy working, one man can easily drive the team and work the pump.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

PRICES Perfection Two Row Sprayer \$13.00
Perfection Four Row Sprayer \$16.00



Demorel Spray Nozzle

Price 65 cents.



Brass U Connection

Price 45 cents.



Eureka Spray Nozzle

Price 65 cents.

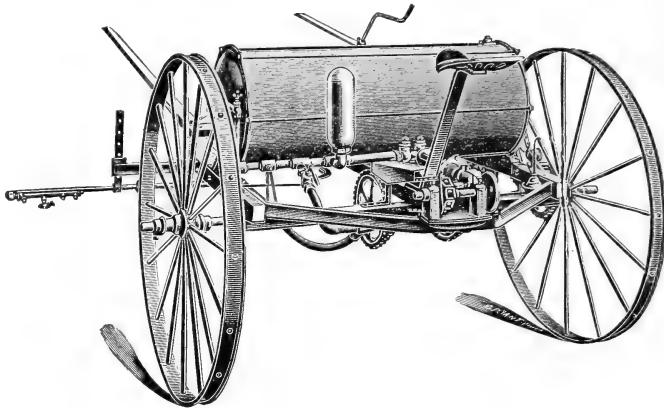
The sprayer has become in recent years as valuable an implement to the farmer, in successfully and economically raising a crop of potatoes, as any other implement. This sprayer has many new and valuable improvements, and is without doubt the best four-row sprayer on the market.

We have this sprayer equipped with galvanized iron or wood tank as desired.

PRICES

No. 102—With 55 Gal. Tank, Single Acting Pump and Thills.....	\$65.00
No. 102 D—With 55 Gal. Tank, Double Acting Pump and Thills.....	\$75.00

The "Iron Age" Four-Row Sprayer



"Iron Age" Two Horse Sprayer

Fitted With Wood Tank Only

PRICES

No. 105—With 100 Gal. Tank, Single Acting Pump and Pole.....	\$77.00
No. 105 D—With 100 Gal. Tank, Double Acting Pump and Pole.....	\$85.00

The above Iron Age Sprayers are priced with four single nozzles only. For sprayer equipped with four twin nozzles, add to above prices, \$4.00.

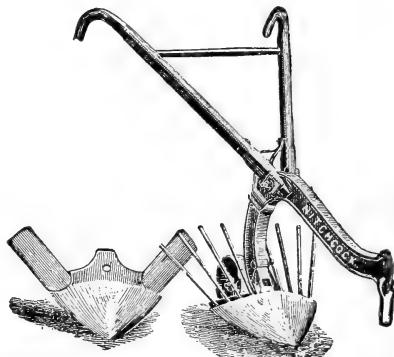
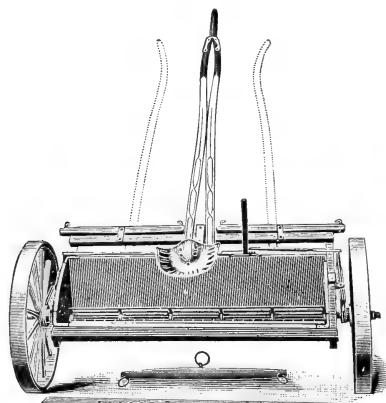
HITCHCOCK POTATO DIGGER and SHOVEL PLOW COMBINED

A very simple and useful tool for the small potato grower. By changing one bolt it may be converted either into a shovel plow or potato digger.

Send for Descriptive Circular.

Price, Combined Tool.....\$10.00

Price, Potato Digger only.....\$ 7.50



Stevens Fertilizer Sower

Simple, Strong, Durable.

A perfect machine for sowing lime, fertilizer, etc. Can be used with either one or two horses as desired.

Adjustable to sow from 200 to 4,000 lbs. per acre.

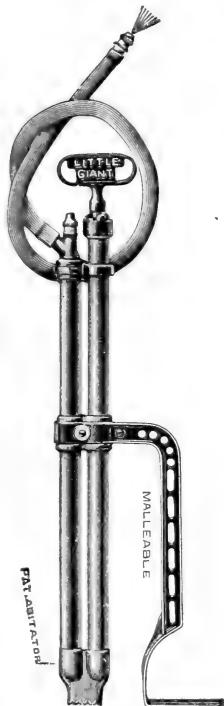
Send for Descriptive Circular.

Prices on application.

SPRAY PUMPS

For Spraying Fruit Trees
Shrubs, Etc.

Half Inch Hose, any length, 10 Cents Per Foot
Brass Hose Couplings, 15 Cents each



LITTLE GIANT
Bucket Spray
Pump

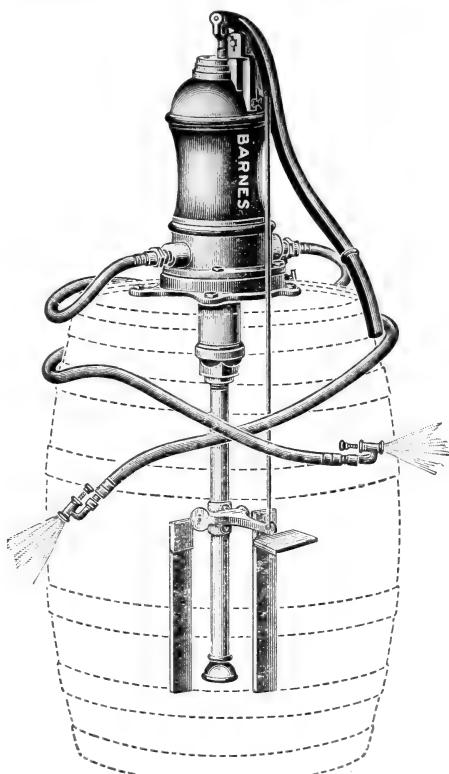
This pump is constructed of brass, rendering it non-corrosible when used with any of the poison formula. The pump will be found useful for a great variety of purposes, such as washing vehicles, windows, etc.

Price \$3.00

Complete, except barrel, consisting of pump, 5 feet of $\frac{1}{2}$ -inch, 3-ply hose, one Vermorel spray nozzle.

Price \$9.00

Pipe extensions for spraying fruit trees, etc., furnished at 10 cents per foot extra.



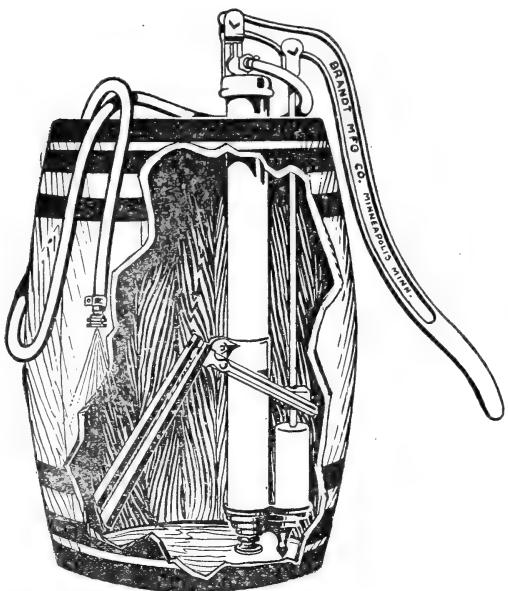
Barnes' New Improved
Barrel Spray Pump

This pump is double acting and has no stuffing boxes or other intricate parts to get out of order. All working parts coming in contact with the liquid are brass. The body of the pump is a large air chamber and after the pump is under pressure it will discharge a steady spray lasting two minutes with one stroke of the handle.

BRASS LINED BAMBOO POLES



Bamboo brass lined spray poles, 8 or 10-ft. long. The inner tube is all in one piece, locked to the pole at both ends and will not turn inside of the bamboo. Is fitted with drip shield and is furnished either with or without stop cock.
 Price complete with cock, 8-ft. \$3.50
 Price complete with cock, 10-ft. \$3.75



THE "KING" SPRAY PUMP

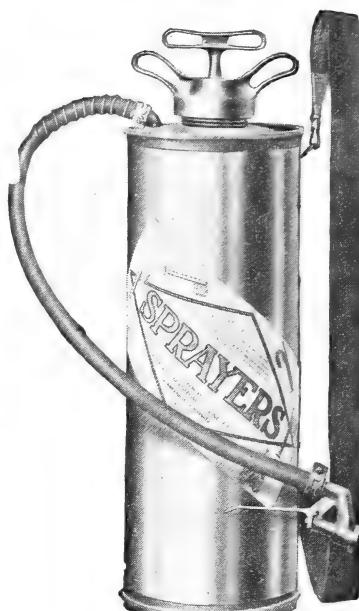
Made for orchards where the trees are large and a great quantity of liquid is to be handled. This pump is so arranged that it may be mounted in any barrel. It has an extremely large air chamber which insures a uniform pressure at the nozzle, large cylinder which gives great capacity, and removable ball valve which enables the user to keep the pump in good working condition without taking it apart. This pump is so constructed that the packing may be tightened without taking the plunger out of the cylinder.

PRICES

For pump, complete, with agitator, but without barrel, hose and spray nozzle.

Number.	Cylinder.	Air Chamber.	
5	2 inch	2½ inch	.... \$10.00
6	2½ inch	3 inch	.... \$13.00

For 15 feet, ½-inch, 5-ply rubber hose, fitted with spray nozzle and ready to attach to pump, add \$2.35 to above prices.



"Perfection" Knapsack Sprayer

Built on the best lines, of high-grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many Knapsack sprayers heretofore on the market.

The tanks are made of heavier metal than has ever been used in sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, a single seam runs lengthwise of the tank. This seam is reinforced by rivets making the tank practically unbreakable. The pump is 1¾-inch seamless brass tubing with a brass valve.

This Sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly.

PRICES.

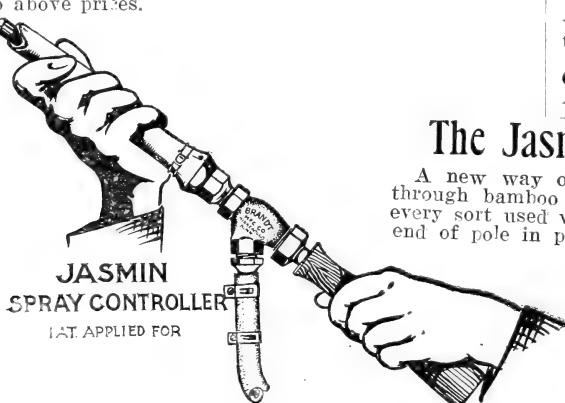
Galvanized Steel	\$5.00
All Brass	\$7.50

The Jasmin Spray Controller

A new way of controlling the flow of the liquid through bamboo poles, iron pipes and extensions of every sort used with spraying pumps. It attaches to end of pole in place of the old stop cock.

The flow of liquid is controlled by a one-quarter turn of the wood handle. When using it, the operator does not have to take his eyes off of his work, but shuts off the flow of liquid instantly when spraying is finished. Made of brass, fits ¼-in. pipe.

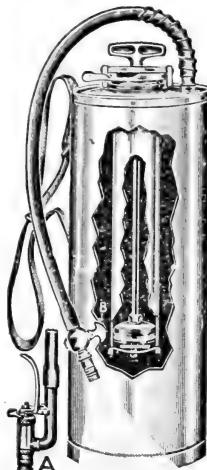
Price \$1.50



JASMIN
SPRAY CONTROLLER

1 AT. APPLIED FOR

“Auto Spray”



PATENTED.

“Auto-Spray” No. 3-B

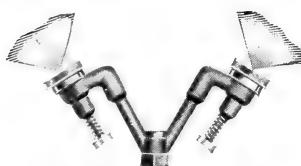
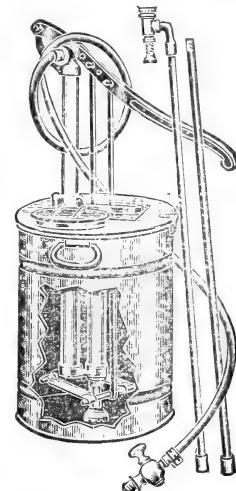
Whitewash and General Purpose Sprayer. Simple in construction. Perfect mechanically.

While the Auto-Spray No. 3-B is designed especially for a whitewash machine, it is also perfectly adapted to spraying all kinds of trees, plants, shrubs, vines, etc., and will be of the greatest value for Stock and Poultry Farms, Nurserymen and Florists, Fruit Growers, Cold Storage Plants, Factories, Packing Houses, Warehouses, etc. In fact, any and every place which requires the application of disinfectants, insecticides, fungicides, whitewash or cold water paint.

The Auto-Spray No. 3-B produces the greatest power, and with the use of the extension pipe the tallest fruit trees can easily be sprayed.

The reservoir is made of heavy galvanized steel and holds 8 gallons of solution. The pump and connections are made of heavy brass, except the handle parts.

Price, complete, with hose and extension pipes.....\$12.00.



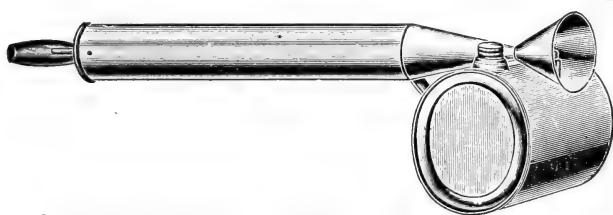
Ideal Double Nozzle

Ideal Spray Nozzles

For all kinds of spraying; will spray all kinds of liquid.

PRICES

Single nozzle	\$1.00.
Double nozzle	\$2.25.



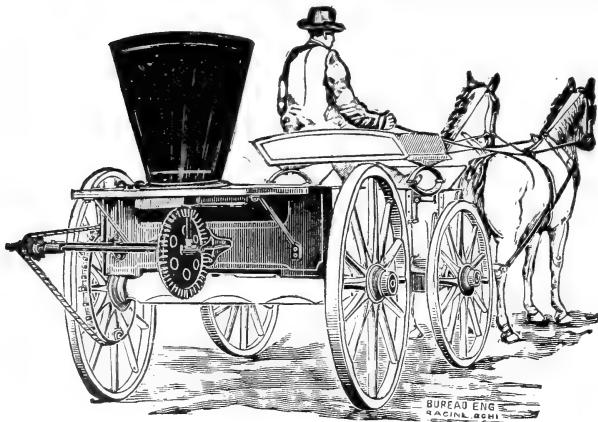
CYCLONE SPRAY PUMP

A MARVELOUS INSECT
EXTERMINATOR

Throws a spray as fine as mist and is, therefore more effectual than any other spray pump and uses about one-tenth the liquid. Very useful about plants, vegetables, shrubs, etc. Also a valuable addition to the hen-house for spraying the walls and roosts for lice.

Price 50 Cents

RACINE BROADCAST SEEDER



It will sow perfectly any quantity to the acre of all kinds of Grain, Wheat, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. It will also sow Flax Seed, Hemp Seed, Peas, Corn and Fertilizers, in fact, anything which requires broadcasting, in a most satisfactory manner. It is the latest Wagon End Seeder on the market and superior to all others. It is heavier and stronger than any other seeder in use.

Price \$8.50

Send for Descriptive Circular.

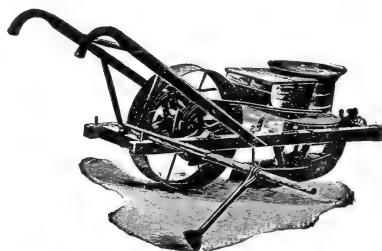
THE "KING OF THE CORNFIELD"

Corn Planter and Fertilizer Distributor

Superior to all for Planting Field, Ensilage and Fodder Corn, Broom Corn, Beans Peas, Beets and Other Seeds of Like Size

This planter is perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, in consequence of its having no gears, chains or other complicated parts to break or wear out. Anyone can at once understand and manage it. An important feature in this planter is that none of the working parts, except the Drive Wheel, are in motion only at the instant the seed and fertilizer is dropped in the hill, then it remains still until the next hill is reached. Corn planted by this machine germinates much quicker and comes up much more uniformly than if planted by hand.

Circulars and Price List mailed on application.



Pierce's Improved Cahoon's Patent Broadcast Seed Sower

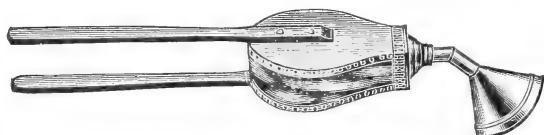
For sowing Wheat, Barley, Oats, Buckwheat, Rye, Grass Seed, etc. Sows from four to eight acres per hour, at a common walking gait, throwing out wheat about forty feet wide.

A person entirely unused to sowing by hand can use this machine with perfect success.

Price \$3.00

Acme Dry Powder Gun

A Simple, Practical Implement for the Extermination of Potato Bugs and all Kinds of Insects, Flies, etc. The Pest of Every House and Garden.



It will handle all insecticides in the dry state—Pure Paris Green, Hellebore, Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests, and for the wholesale destruction of house flies cannot be excelled.

Price 75 Cents

Garden Trowels

No. 02—6-inch Blue Steel Blade, Plain Handle. Price.....10 cents
 No. 9—6-inch Polished Blue Enamel, Heavy Steel Blade, Polished Handle. Price.....15 cents

FLORIST TROWEL, Extra Heavy, Price 25 Cents**Transplanting Fork**

Japanned wood handle, malleable tines.
 Price, 10 cents.

**EXCELSIOR HAND WEEDE**

Japanned wood handle, malleable tines.
 Price, 10 cents.

**NOYES' HAND WEEDE**

Steel Blade. Price, 15 cents.

**Haseltine Patent Hand Weeder and Scraper**

Price 25 Cents

WEED DIGGER AND ASPARAGUS KNIFE

Drop forged, 10-inch blade ground sharp, fastened to solid birch handle.
 Price50 cents.

**"Norcross" Cultivator Hoe and Weeder**

One of the most useful lines of implements about the garden. These tools are very light, strong and durable, easy to handle and do most excellent work.

Material, workmanship and finish of the highest quality.
 Made in three different sizes.

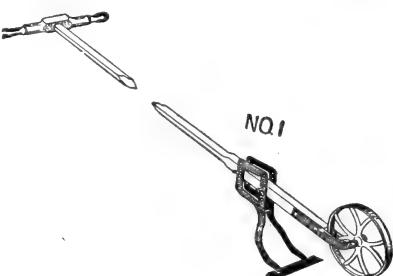
PRICES

5 Prong Cultivator-Hoe with 4-foot Handle.....	75 cents.
3 Prong Cultivator-Hoe with 4-foot Handle.....	50 cents.
3 Prong Midget Weeder with 9-inch Handle.....	25 cents.

Fuller's Unique Wheel Hoe No. 1

For closely planted crops, as Beets, Carrots, Onions, etc., this hoe is without an equal and can be used the entire season. Having only one wheel it runs between the rows without bruising the tops, and having no frame work it does not tear the growing plants on either side. The great feature of this hoe above all others is that it can be easily and quickly adjusted to any height or pitch desired by means of thumb nuts. The entire hoe weighs less than ten pounds and yet is a most practical tool.

Price \$2.00



“Iron Age” Combination Double and Single Wheel Hoe, Hill and Drill Seeder, No. 6



The frame of this tool is made of pipe coupled to malleable castings, thus combining great strength with lightness. It has high wheels and is very easy running

It places the seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart as desired.

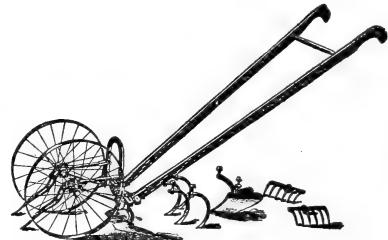
Can be very quickly changed to a double or single wheel hoe.

Price \$12.00.

“Iron Age” Double or Single Wheel Hoe No. 1

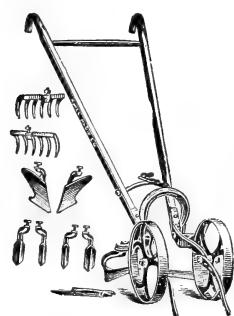
This hoe has the same general construction of frame and wheels as the Number 6. It can be very quickly changed to a double or single wheel hoe. A great labor saver and very durable.

Price \$7.00.



New Universal Double Wheel Hoe Cultivator Plow and Rake No. 14

Specially Designed for Working Both Sides of the Row at One Passing



This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which can not fail of appreciation. The special recommendation is the ADJUSTABLE ARCH, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired.

There are nine adjustments of depth. The attachments are: 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine or Leaf Guards. Price, \$5.50.

Price, with hoeing blades only, \$3.75.
Send for Descriptive Catalogue of the Universal Garden Tools.

New Universal Gem Seed Drill, No. 18

This has been perfected to meet the demand for a low price drill. It has all the essential qualities of the larger and more expensive drills, the Seed Dial and Indicator being made from exactly the same patterns.

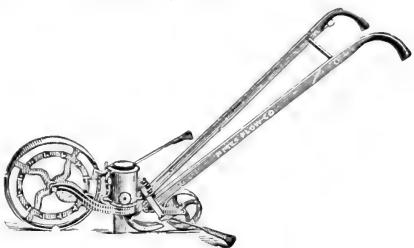
Price \$5.75.



NEW UNIVERSAL GARDEN DRILL, NO. 17

NONE BETTER CAN BE PRODUCED. Medals and testimonials confirming its superiority over all other drills have been repeatedly bestowed upon it from all quarters, and as it has been improved from time to time, it is now everywhere acknowledged to be THE MOST PERFECT DRILL MADE. It has been many years in use and its still increasing sale is the best evidence of its merits.

Price \$7.50.



NEW UNIVERSAL "HILL AND DRILL" SEEDER, NO. 16

This Seeder is the same as the Garden Drill with the exception that it has pins in the wheel, which serve as a means for securing the various dropping distances of 4, 6, 8, 12, 16, 24 and 48 inches apart, as well as for sowing continuously in drills.

Price \$8.25.

NEW UNIVERSAL CONSTELLATION DRILL, NO. 19

With Hoe, Cultivator, Plow and Rake Attachments.

This is the same as the Garden Drill, with cultivating attachments. It can be used either as a Double Wheel or Single Wheel machine and change can be readily made. We do not particularly recommend a two-wheel seed sower, as the nicer work may be accomplished by a one-wheel machine. The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled and the cultivating done on both sides of the rows at one passing.

Price \$9.50.

NEW UNIVERSAL CONSTELLATION DRILL, NO. 119

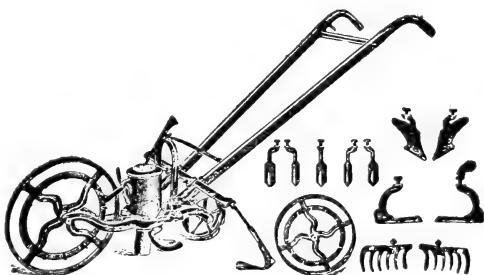
With Hoe, Cultivator, Plow and Rake Attachments.

This new implement is a combination of the No. 17 Garden Drill and a High Arch Expansion Wheel Hoe.

The seeder is especially recommended to users requiring a Perfect Drill Seeder.

The wheel hoe can be used either as a single or double wheel hoe, and on account of the high arch can be used as a "straddle-row" weeder and cultivator where the plants are 20 inches in height.

Price \$10.25.



New Universal Combined Hill and Drill Seeder, No. 22

With Cultivator, Rake and Plow Attachments.

In this new implement there are combined all the features of the NO. 16 HILL AND DRILL SEEDER, with a HIGH STEEL ARCH WHEEL HOE.

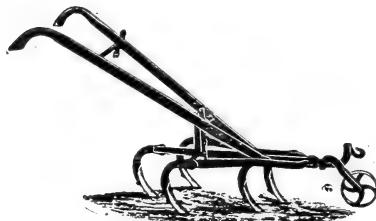
The seeder will plant in drills or in hills varying from 4 to 48 inches apart.

The wheel hoe with the high steel arch allows the cultivation of plants 20 inches high, and has adjustable sides so that it can be expanded up to 20 inches in width and can be used as a single or double wheel hoe, as desired.

Price \$11.00.



Syracuse Steel Frame Cultivator



No. 81.

Standards Separable and Adjustable. Side Shifting Handles.

A Good Cultivator at a Low Price.

No. 81.—Five 3-inch Points and Wheel, (see cut).....	\$3.25
No. 83.—Same as No. 81, with Wing Points, and Shovel Point added	\$3.75

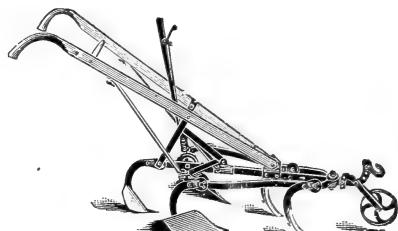
Steel Frame Lever Cultivator

This Is the Best Lever Cultivator Ever Put On the Market for the Money.

Made with stiff, heavy, steel frame, steel wheel straps, strong, durable, and steady running.

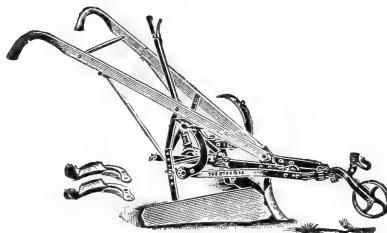
No. 121.—Expanding lever, five 3-inch Points\$4.25

No. 123.—Expanding lever, five 3-inch Points, Wing Points and Shovel Point (see cut).....\$4.75



No. 123.

Steel Frame Lever Cultivator With Hiller Attachment



No. 124.

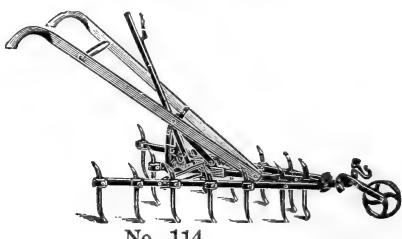
Unsurpassed for all hillling purposes. By reversing the Sweeps and fastening Center Standard to the rear end of the Bar, it is changed into an excellent Coverer.

No. 124.—Expanding lever, five 3-inch Points, Hiller Sweeps and Wheel\$5.50

Syracuse Spike Tooth Cultivator

Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth.

No. 114.—Expanding lever, fourteen Spike Teeth and Wheel.....\$5.25

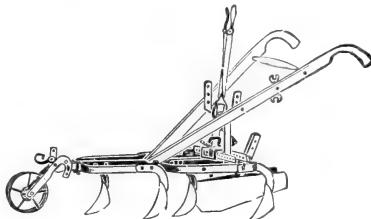


No. 114.

Hussey's "New Model Centennial" Cultivator No. 1

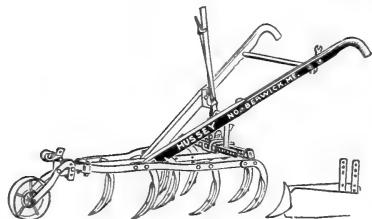
Our New Lever Expander

Is simple, strong and easy to operate. Has no "Dead Centers," and no Loose Joints. Adds stiffness to the entire frame. Fitted with five 3-inch points, long hillers, and expanding lever.



Price \$6.50.

Hussey's "New Model Centennial" Cultivator No. 8



Has the same frame and expanding lever of the Number One cultivator.

As a pulverizing cultivator it cannot be excelled.

Fitted with eight 1-inch reversible points, long wings and expanding lever.

Price \$7.50.

Iron Age "Dixie" Horse Hoe and Cultivator

Frame high and long, runs steadily and clears easily. All attachments of solid steel, and perfectly constructed. Has expanding lever.

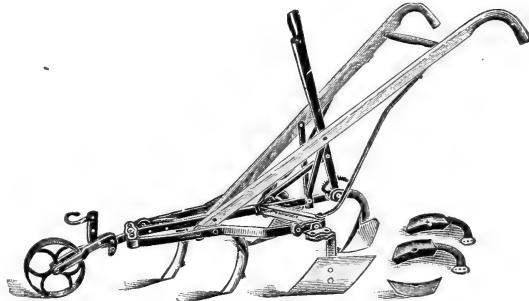
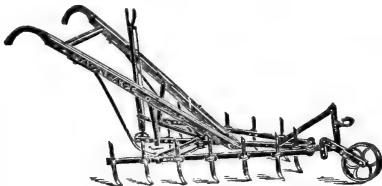


Fig. 25

PRICES

Dixie Cultivator, with 5 three-inch points, wheel and expanding lever.....	\$4.50
Dixie Cultivator, with 5 three-inch points, short hillers, wheel and expanding lever, See Fig. 25.....	\$5.00
Dixie Cultivator, with 5 three-inch points, long hillers, wheel and expanding levers, \$5.50	

"Iron Age" Diamond Tooth Cultivator



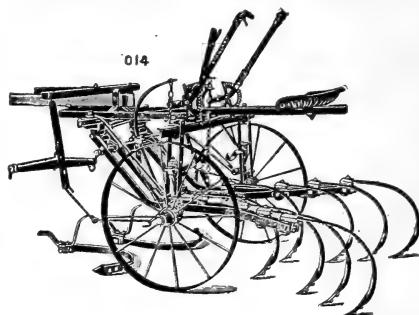
Especially adapted to pulverize the soil and leave it smooth and level. Especially recommended where intense cultivation is required. It will not throw the dirt, but will thoroughly work the surface of the soil.

Price \$4.75.

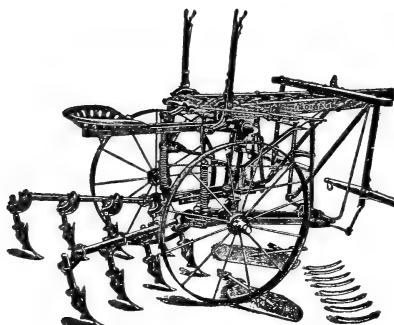
Standard Pivot Axle Riding Cultivator

The greatest labor-saving device ever offered in the line of cultivation, adapted for all kinds of farmers in cultivating all kinds of crops on hillside or plain,—in fact, to practically universal use. Pivot wheels—Gang Adjusting Lever, Strong Steel Wheels, and, although it is light and simple in construction, it is very strong, and possesses many advantages not contained in far more complicated tools. Quality of material and finish is the very best.

Send for Descriptive Catalogue and Prices.



“Iron Age” Pivot Wheel Riding Cultivator



One of the best and strongest riding cultivators ever put on the market. Every farmer, who contemplates cultivating from ten to fifteen acres of crop, should purchase one of these tools.

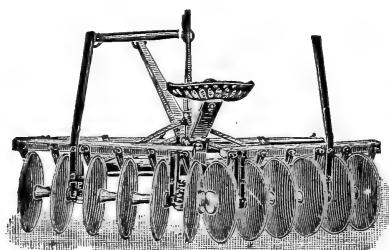
We have them fitted with both spring hoes and spring teeth.

Send for Descriptive Catalogue and Prices.

Syracuse Steel Frame Spring Tooth Cultivator

This series of Cultivators is especially adapted for use in stony ground. The frames are steel, strong and well put together throughout. The castings are malleable. The teeth are fine oil tempered springs and are alike and interchangeable; they are also adjustable for angle and depth.

Price, with expanding lever and five teeth \$6.00



The Yankee Pulverizer

A superior Disc Harrow, combining all the late improvements.

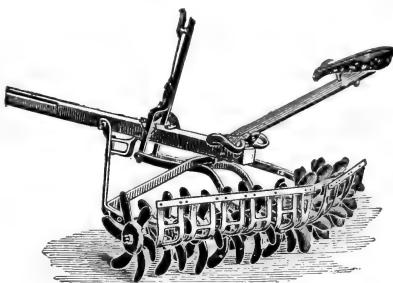
Send for Descriptive Catalogue and Prices.

We have this harrow in the cutaway patterns, if desired.

The Morgan Spading Harrow

The Morgan Spading Harrow is an "all around general purpose Harrow," and is adapted to all soils and conditions of soils. While not particularly attractive or handsome in appearance, a trial will convince any farmer that it will do the work. As a pulverizer, it is unequalled, and especially on broken or uneven surfaces, among stone, in sod or heavy clay. It has more cutting surfaces than any pulverizer in the market. The high arched frame allows it to pass over obstructions easily. The blades are S-shaped and ground sharp on the cutting edges and overlap; they cut into and lift the soil to a depth of 4 to 6 inches, turning and pulverizing the ground precisely like the hand spade. The gangs, which float freely can be adjusted to any desired angle by the hand lever. The cleaners are stationary and clean the blades, no matter what the condition of the soil.

Send for Descriptive Circular and Prices.



Old Original Perry Harrow



The Wood Frame Perry Harrow is the most durable of the spring tooth harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for twenty years.

PRICES

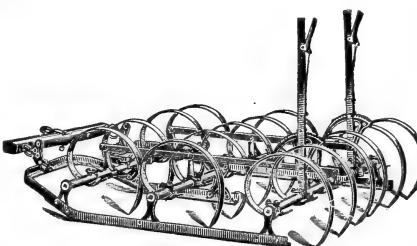
14-Tooth, \$10.00; 16-Tooth, \$10.00; 18-Tooth, \$11.00.

Aberdeen Spring Tooth Lever Harrow

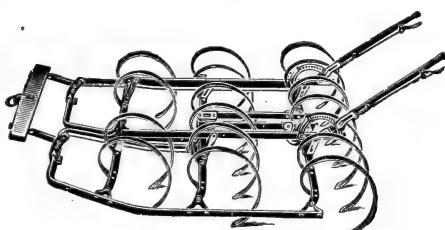
Made entirely of steel and malleable iron; teeth set to any required depth. Tooth bars round and well elevated to prevent clogging.

PRICES

15-Tooth	\$16.00
17-Tooth	\$17.00



Syracuse Spring Tooth Lever Harrow



This style of Harrow has an advantage over the ordinary float harrow in that the depth of work can be quickly changed even while the harrow is in motion, and by operating the levers a uniform depth can be maintained in soils of variable hardness. The harrow will clog less and clear easier than any other harrow on the market.

15-Tooth Harrow	\$16.00
17-Tooth Harrow	\$17.00

Syracuse 1-Horse Spring Tooth Harrow

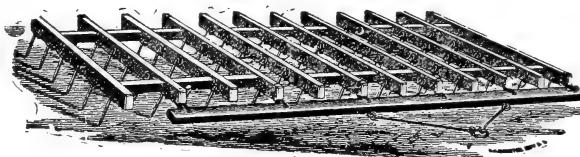
Frame of steel similar to Two-horse Harrow and is the best One-horse Harrow in the market.

Ten Tooth With Lever

Price \$9.00

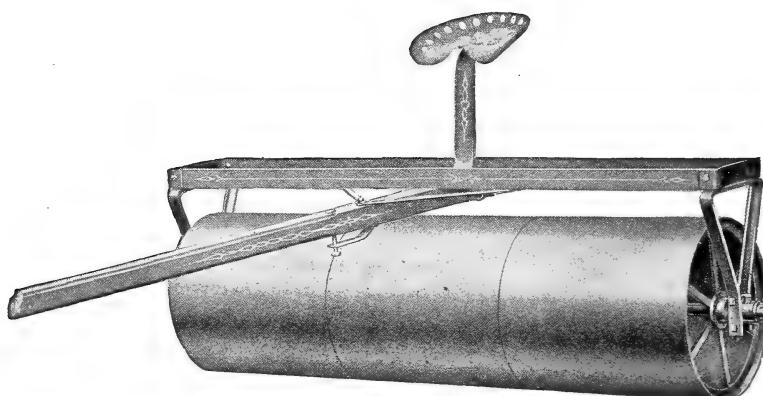


REVERSIBLE SMOOTHING HARROW



The teeth are reversible, namely by the draw bar being attached to one end of the harrow, they are slanting, as shown in cut, while if attached to the other end they are vertical, same as the ordinary harrow. With the teeth slanting, it is a smoothing harrow. This is not only a smoothing Harrow, but a Pulverizer, a Leveler, a broadcast Weeder and Seed Coverer. It is made in sections of twenty-four teeth each. Two, three or four sections may be, but usually three are used.

Two Section Peerless Smoothing Harrow, weight 135 lbs. \$10.00
 Three Section Peerless Smoothing Harrow, weight 200 lbs. \$14.50



Steel Land Rollers

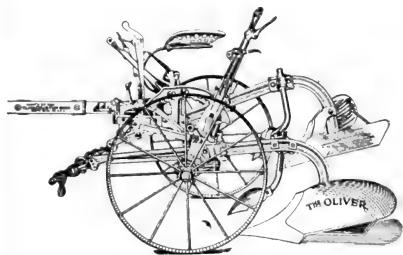
The frame of these rollers is made of heavy angle steel. The drums have a steel head with a heavy steel casing. Axles are 1 3/4-inch round machine steel, and extend the full length of the roller.

SIZES AND PRICES

	Manuf'r's Price	R. B. D. & Co.'s Price
No. 1.—6 ft. long, 24-in. diameter, 3 sections, weight 485 lbs.	\$28.00	\$23.00
No. 2.—7 ft. long, 24-in. diameter, 3 sections, weight 540 lbs.	\$30.00	\$24.50
No. 3.—8 ft. long, 24-in. diameter, 3 sections, weight 585 lbs.	\$32.00	\$26.00
No. 4.—8 ft. long, 30-in. diameter, 3 sections, weight 690 lbs.	\$39.00	\$31.50

Prices do not include whiffetrees and neckyoke. If these are desired, price is \$2.00 extra.

Oliver Reversible Sulky Plow No. 23



The most complete and up-to-date Sulky Plow on the market.

The easiest to handle and safest to operate on hillside work.

By means of a "horse lift," which is brought into play by simply pressing forward slightly on the foot trip, the operator's work is diminished by fully one-half and it is not necessary to lean way back in an uncomfortable and often unsafe position to use the hand lever. With this plow the operator can keep his eyes on his team and his hands on the reins, the feet only are needed in order to raise the plow.

Second only to this important improvement is the simple and easily operated tilting device connected with the seat of this sulky, which, when plowing along hillsides, while the machine is of course leaning down hill, makes it easy for the operator to keep a level seat and maintain the equilibrium of the plow.

Send for Descriptive Circulars and Prices.

Oliver Steel Beam Plow

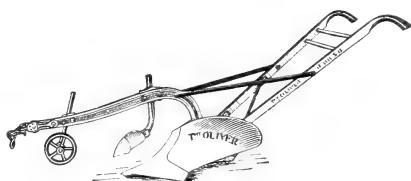
Especially designed for general purpose work, has superior turning qualities.

No. 82. Light. Two-horse.

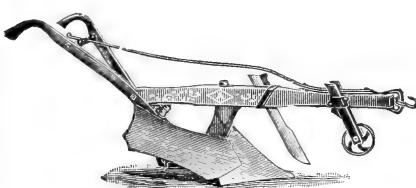
No. 83. Medium. Two-horse.

No. 84. Heavy. Two-horse.

Send for Descriptive Circular and Prices.



The Diamond Series Swivel Plow



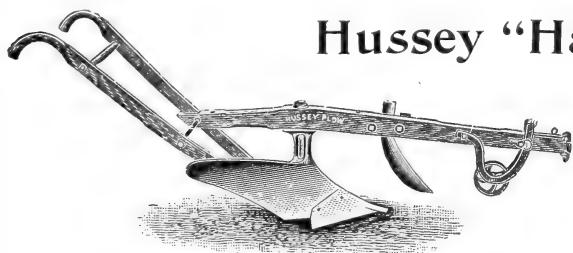
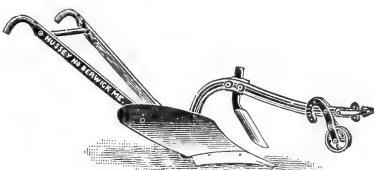
A very light-weight plow, of good capacity. Easily handled and does good work. Made in three sizes.

Send for Description and Prices.

Hussey Steel Beam Steel Plow

Made in four sizes. A very popular general purpose plow.

Send for Descriptive Catalogue and Prices.



Made in Six Different Sizes

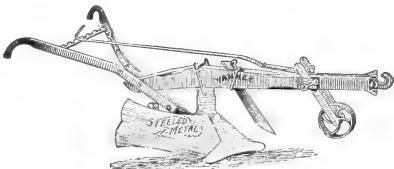
We carry a full line of repairs for both new and old series.

Send for Descriptive Catalogue and Prices.

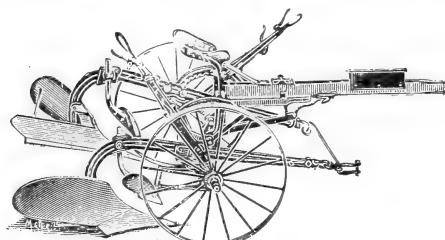
The Yankee Swivel Plow

A very perfect working Reversible Plow. It has a wood beam, steel metal mould-board, with patent, steel shifting lever and clevis. Manufactured in four different sizes.

Send for Catalogue and Prices.



Syracuse Reversible Sulky Plow



Does perfect work on hillside or level land. No ridges or dead furrows. Light and strong. Simple and practical.

Two perfect Combination Plows on separate Steel Beams, operated by separate levers.

A foot lift of simple design and easily operated, enabling any boy competent to handle horses capable of running the plow.

Steel wheels running on steel axle.

With each Sulky is furnished Neck-Yoke and Two-horse Whiffletrees. Wrench and Oil Can. Descriptive Catalogue and Price mailed on application.

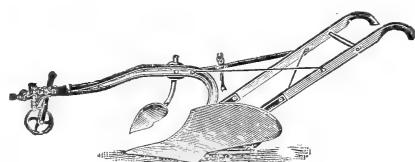
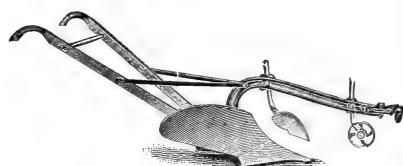
Syracuse Steel Beam Steel Plow

Plows furnished with either Jointer or Coulter.

No. 32. Light. Two-horse.

No. 31. Medium. Two-horse.

Send for Descriptive Catalogue and Prices.



Syracuse Steel Beam Steel Plow New Series

Plows furnished with either Jointer or Coulter.

No. 443. Light. Two-horse.

No. 442. Medium. Two-horse.

No. 450½. Three-horse.

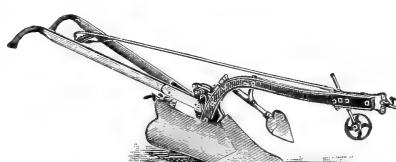
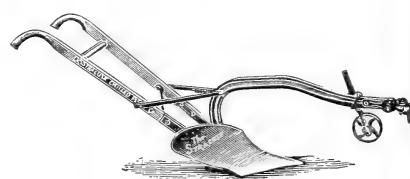
Send for Descriptive Catalogue and Prices.

Syracuse Steel Beam Steel Plow

A medium one-horse plow, especially recommended for garden work or light farming. Furnished with coulter.

No. 1,495½ Z. Medium. One-horse.

Send for Descriptive Catalogue and Prices.



Syracuse Steel Truss Beam Swivel Plow

This is a very light steel beam Swivel Plow, Side shifting handles. Fitted with either Automatic Jointer or Automatic Coulter.

No. 812. Light. Two-horse.

Send for Descriptive Catalogue and Prices.



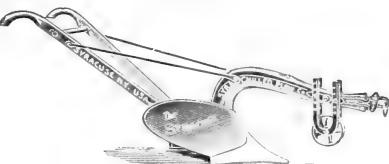
Syracuse Contractor's Plow

Steel truss beam. Steel mouldboard and landside. Separate shin piece. Heavy overlaid wrought steel point. Adjustable shoe in place of wheel. Loop handle wear irons. Very strongly built. Slight turning capacity. Suitable for severe grading purposes in shale or hard pan.

No. 99. Four to eight-horse. Weight with shoe, 310 lbs. Send for Prices.

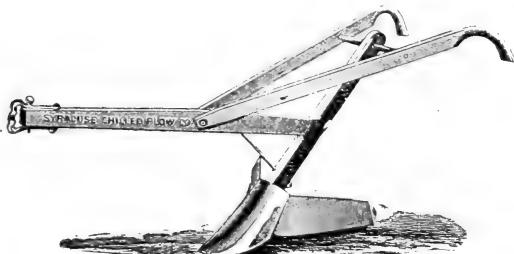
Syracuse Contractor's Plow

Hard Iron Wearing Parts. Heavy Beam, Share and Strip. Double Strap Steel Wheel Standard. Will turn a furrow 5 to 9 inches deep, and 12 to 15 inches wide. An excellent plow for general grading purposes and road work.



A strong, heavy plow at a low price.

No. 1. Two to four horses. Weight with wheel 200 lbs. Write for Prices.



Wood Beam Wing Shovel Plow

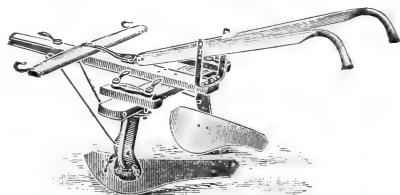
Blades and wings of steel. Wings adjustable to throw more or less earth. Especially adapted for hilling potatoes and other light work.

Price, without wheel.....\$2.75

Price, with wheel.....\$3.00

Syracuse New Potato Hoe

This hoe is much used in potato growing sections for hilling or covering. The wings are of steel, so constructed that they will tilt up or down on the standard, and the standards are movable upon the crossbar, so that the wings can be placed the right distance apart. The crossbar is strengthened with iron braces, making a strong frame. The handles shift to right or left, so that operator can walk at the side of row.



PRICE \$6.00

The "Improved Bangor" Potato Hoe



This hoe is especially adapted as a potato, corn, or celery hiller, or as a coverer. Wings are polished steel, are adjustable to tilt up or down on the standards and the desired distance apart by moving standards in or out upon the crossbar. The wings are made in two parts so that the end or tail of the wing can be dropped down and thus work the earth up under the tops, instead of burying them. The crossbar is strengthened with iron braces, which connect it with the pole making a strong and durable frame.

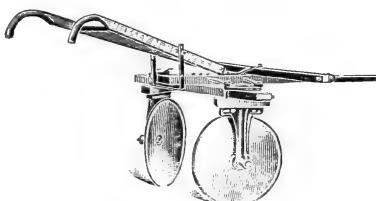
PRICE \$6.00

Improved Disc Potato Hoe

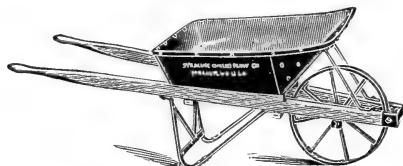
A very easy working type of hoe, and considered by many to be superior to all others for covering and hilling.

It is fitted with 20-inch discs, which can be easily adjusted to any angle.

Price \$8.50.



Railroad or Canal Barrows



No. 75 A



No. 133

No. 123.	Wood Tray and Wood Wheel, extra bolted	.....	\$2.50
No. 133.	Wood Tray and Steel Wheel, extra bolted	.....	\$2.75
No. 4.	Steel Tray and Steel Wheel, extra bolted	.....	\$4.50
No. 75 A.	Steel Tray and Steel Wheel, extra bolted. This barrow has a deep tray and is designed for handling mortar, sand, concrete, etc.	.....	\$4.75

Steel Tray Tubular Barrows

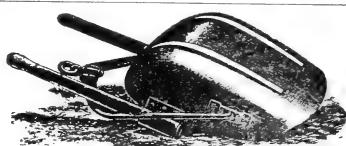


These Barrows are designed and constructed for general use, such as conveying mortar, gravel, coal, etc.

They are securely braced, strong and durable.

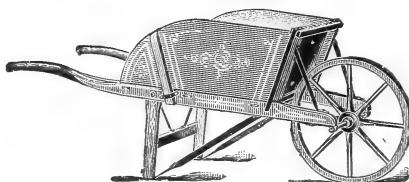
No.	Capacity	Weight.	Price.
80 A...	3 cubic ft.	65 lbs.	\$ 7.00
44....	250 lbs. coal.	100 lbs.	\$10.00

Improved Champion Solid Steel Scraper WITH RUNNERS



No. 1 carries 7 ft. of earth. Used for long haul or down grade.	Price, \$6.50
No. 2 carries 5 ft. of earth. Used for all ordinary grading, farm or road work.	Price, \$6.00
No. 3 carries 3 ft. of earth. Intended for work on narrow ditches with one-horse.	Price, \$5.50

GARDEN WHEELBARROWS



This Wheelbarrow is highly finished, ornamented, strongly ironed and put together with joint bolts and braced, handles gracefully curved, with extra large wheel, thereby making it easy for the operator, and is superior to any in the market.

PRICE LIST

No. 3, Small Size.....	\$3.25	No. 5, Medium Size.....	\$4.00
No. 4, Small Size.....	\$3.75	No. 6, Large Size.....	\$4.25
No. 7, Extra Large.....			\$6.00

Steel Head for Drag



The steel head for drag is a simple device whereby a drag can be readily made by using straight plank; it is very strong, well constructed and will last for years.

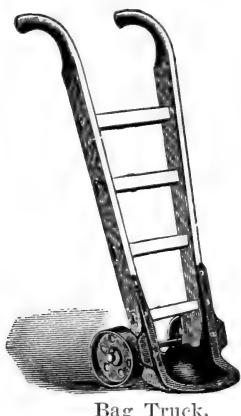
Price of Head.....\$3.00 Price of Drag Complete.....\$7.50

TRUCKS

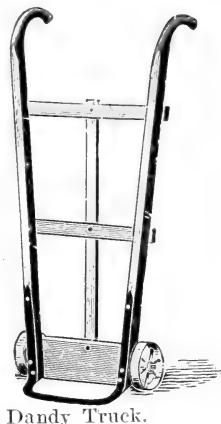
Bag Trucks.....	\$2.00
Dandy Trucks.....	\$2.00

We Also Carry a Full Line of
HEAVY
WAREHOUSE TRUCKS

Prices quoted on application.



Bag Truck.



Dandy Truck.

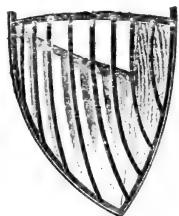
Cast Iron Corner Manger

With Food Guard All Around.

Price \$1.25



Wrought Iron Corner Hay Rack



Price, \$1.50.

Barrel Header

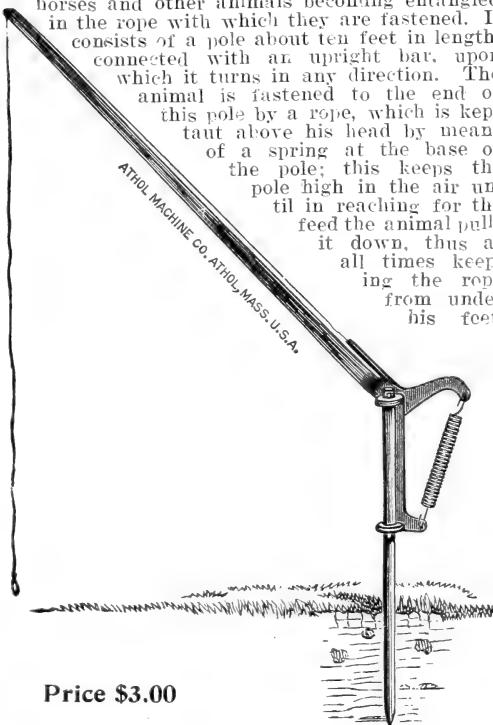


This is the most simple, labor-saving machine ever invented for heading up barrels and is used extensively for heading up apples, fish and other merchandise.

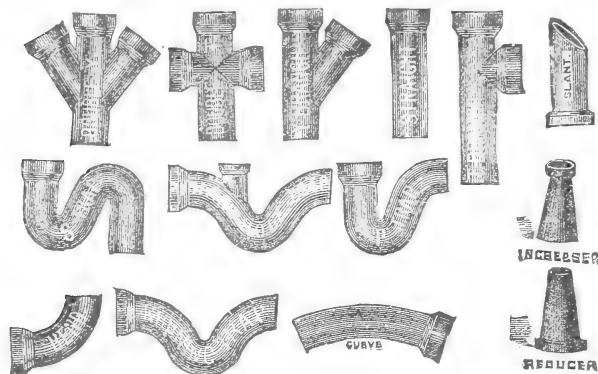
1-inch Iron Screw (attached lower) \$1.25

Wright's Animal Tether

This device is designed to obviate the danger of horses and other animals becoming entangled in the rope with which they are fastened. It consists of a pole about ten feet in length, connected with an upright bar, upon which it turns in any direction. The animal is fastened to the end of this pole by a rope, which is kept taut above his head by means of a spring at the base of the pole; this keeps the pole high in the air until in reaching for the feed the animal pulls it down, thus at all times keeping the rope from under his feet.



Price \$3.00



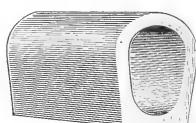
**Vitrified
Sewer
Pipe
Salt Glazed
For Drains and Sewers**

Price List Adopted by the Manufacturers, May 2, 1912.

Inside Diameter Inches	Price per foot	Elbows Bends and 2 ft. Curves Each	1 or 2 feet long with Inlets up to and in- cluding 12 inches	P. S. and Single H. H. Traps Each	Reducers and Increases Each	Approximate Weight of Pipe per foot
2	\$.25	\$.75	\$ 1.00	\$ 2.00	\$ 1.00	6
3	.25	.75	1.00	2.00	1.00	7
4	.25	.75	1.00	2.00	1.00	9
5	.40	1.20	1.60	3.20	1.60	12
6	.40	1.20	1.60	3.20	1.60	15
8	.55	1.65	2.20	5.50	2.20	23
9	.80	2.40	3.20	8.00	3.20	28
10	.80	2.40	3.20	8.00	3.20	35
12	1.00	3.00	4.00	15.00	4.00	45
15	1.35	4.05	5.40		5.40	60
18	1.90	5.70	7.60		7.60	85
20	2.25	6.75	9.00		9.00	100
22	3.00	9.00	12.00		12.00	130
24	3.25	9.75	13.00		13.00	150

Increases shall have socket on small end, and Reducers socket on larger end, and shall be charged the price of 4 feet of pipe, size of larger end.

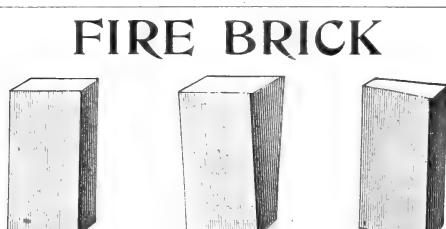
Every shipment at the Risk of the Purchaser and No Allowance for Breakage.



Porous Red Land Tile

Used for Under-draining Wet Land, Orchards, etc. Made in 3, 4, 5 and 6-inch sizes.

Write for Prices.



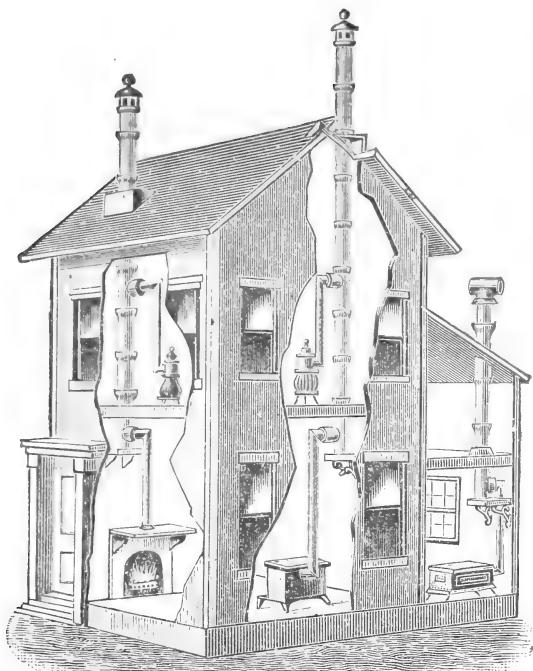
Straight
Brick.

Bullhead
Brick.

Arch
Brick.

A good stock of FIRE BRICK always on hand. We also carry FIRE CLAY, KAOLINE LIME and CEMENT.

Write for prices.



Showing Chimney Tile Put Up

Round Chimney Tile

Chimneys Without
Brick Safe and
Cheap

This cut illustrates the way in which the Fire Clay Stove Pipe is used in place of the brick chimneys. These pipes having sockets on are set one upon the other, and by cementing them at the joints, they are made perfectly safe from fire, which often occurs from defective flues in brick chimneys.

Price List

Inside Diameter	Straight Pipe per foot	Single Opening Tees 2 ft. long each
6-in.	\$.40	\$1.60
8-in.	.55	2.20
10-in.	.80	3.20
12-in.	1.00	4.00

Write for prices. Liberal discount from this list.



Wind Guard Top.

WIND GUARDS

Salt Glazed

To be used on top of chimneys made of Fire Clay Chimney Tile.

PRICE LIST

6 inches	\$2.50.	10 inches	\$ 7.00.
8 inches	\$3.60.	12 inches	\$10.00.

Subject to liberal discount from this list. Write for Prices.

Fire Clay Flue Linings

Size Outside Measure	Price per ft.
8 1/2-inch x 8 1/2-inch	\$.45
8 1/2-inch x 13-inch	\$.65
13-inch x 13-inch	\$.85
13-inch x 18-inch	\$1.20
18-inch x 18-inch	\$2.00

Subject to liberal discount from this list.

Write for prices

AS ENCLOSED IN BRICK-WORK
2 Foot Lengths.

SQUARE,
8 1/2 x 8 1/2.

STONE WARE



COVERED BUTTER POTS

$\frac{1}{2}$ gallon	.....	\$.25.	3 gallon	.....	\$.55.
$\frac{1}{4}$ gallon	.....	\$.30.	4 gallon	.....	\$.65.
$\frac{1}{2}$ gallon	.....	\$.35.	5 gallon	.....	\$.75.
2 gallon	.....	\$.40.	6 gallon	.....	\$.85.

PRESERVE JARS

$\frac{1}{2}$ gallon	.....	\$.20.	2 gallon	.....	\$.40.
1 gallon	.....	\$.25.	3 gallon	.....	\$.60.
$1\frac{1}{2}$ gallon	.....	\$.35.	4 gallon	.....	\$.70.



JUGS

$\frac{1}{4}$ gallon	.....	\$.15.	2 gallon	.....	\$.40.
$\frac{1}{2}$ gallon	.....	\$.20.	3 gallon	.....	\$.50.
1 gallon	.....	\$.25.	4 gallon	.....	\$.65.

MOLASSES JUGS

$\frac{1}{2}$ gallon	.....	\$.20.	1 gallon	.....	\$.30.
2 gallon	.....			.....	\$.45.



COVERED BEAN POTS

$\frac{1}{4}$ gallon	.....	\$.15.	1 gallon	.....	\$.30.
$\frac{1}{2}$ gallon	.....	\$.20.	$1\frac{1}{2}$ gallon	.....	\$.35.
$\frac{3}{4}$ gallon	.....	\$.25.	2 gallon	.....	\$.50.

COVERED CHURNS

Complete With Dasher.

2 gallon	.....	\$.60.	5 gallon	.....	\$1.00.
3 gallon	.....	\$.75.	6 gallon	.....	\$1.20.
4 gallon	.....	\$.85.	8 gallon	.....	\$1.40.



FLOWER POTS

1-16 gallon	.....	\$.10.	1 gallon	.....	\$.25.
$\frac{1}{8}$ gallon	.....	\$.12.	2 gallon	.....	\$.40.
$\frac{1}{4}$ gallon	.....	\$.15.	3 gallon	.....	\$.65.
$\frac{1}{2}$ gallon	.....	\$.20.	4 gallon	.....	\$.75.

WATER KEGS

3 gallon	.....	\$.80.	6 gallon	.....	\$1.80.
4 gallon	.....	\$1.15.	8 gallon	.....	\$2.15.
5 gallon	.....	\$1.50.	10 gallon	.....	\$2.65.
Faucets	.....	75 cents each, extra.			



STONE PORK BARRELS

Write for sizes and prices.



Floor Brushes

	Price Each
No. 6, 14-inch block, 2½-inch black and white bristles	\$1.00
No. 8, 14-inch block, 3-inch black and white bristles	\$1.25
No. 10, 14-inch block, 3¼-inch black and white bristles	\$1.50
No. 14, 14-inch block, 3¾-inch all black bristles	\$2.25

Window Brushes

	Price Each
No. 1, Copper Fastened	\$1.00
No. 2, Copper Fastened	\$.40
No. 50, Copper Fastened	\$.50

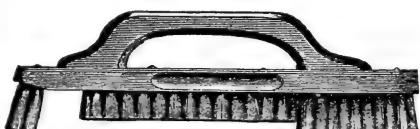
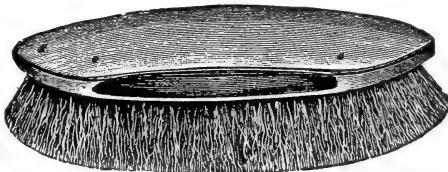


Horse Brushes

	Price Each
No. 103	\$.30
No. 68	\$.50
No. 171	\$.75
No. 267	\$1.25

Dandy Brushes

	Price Each
No. 1, Rice Root	20 cts.
No. 10, Rice Root	25 cts.
No. 40, Rice Root	30 cts.
No. 0, Palmetto Fibre	20 cts.
No. 15, Palmetto Fibre	25 cts.
No. 26, Palmetto Fibre	30 cts.



Scrub Brushes

	Price Each
No. 70, White Tampico, no handle	12 cts.
No. 10, White Tampico, with handle ..	15 cts.
No. 3, White Tampico, with handle ..	20 cts.
No. 33, White Tampico, with handle ..	20 cts.

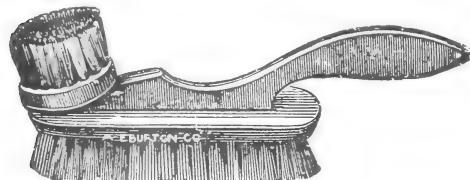
Stove Brushes

	Price Each
No. 92, Black Tampico, white center ..	.20 cts.



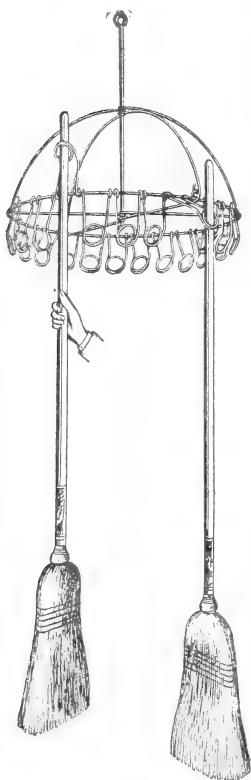
Counter Brushes

	Price Each
No. 2—Black bristle in center, white outside	.25 cts.
No. 3—Black bristle in center, white outside	.35 cts.
No. 4—Black bristle in center, white outside	.40 cts.



Shoe Brushes

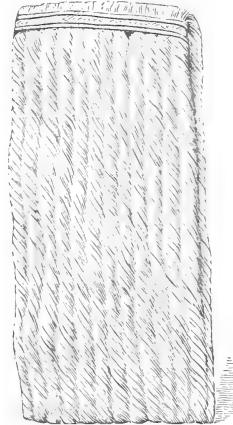
	Price Each
Number 106	.20 cts.
Number 20	.30 cts.
Number 45	.35 cts.



The Gem Hanging Broom Racks

Holds 2 dozen Brooms.
Best display rack on the market.

Price each..... \$1.50.



COTTON MOPS

Weight Per doz.	Price Each
9 lb. Challenge	.20 cents.
12 lb. Challenge	.25 cents.
9 lb. Slasher	.25 cents.
12 lb. Slasher	.30 cents.
9 lb. Eureka	.25 cents.
12 lb. Eureka	.30 cents.
9 lb. Twine Bee	.25 cents.
12 lb. Twine Bee	.30 cents.



Yacht or Hardwood Floor Mops

With Wood Handle.

Price Each
Number 4.....50 cents.
Number 6.....60 cents.



TANGLEFOOT FLY PAPER

The Sanitary Fly Destroyer—Non-Poisonous.

PRICE.

Per Carton—Twenty-five double sheets in a carton 35 cents.

PARIS STEP LADDERS

This ladder is made with hardwood step standards and firmly braced between the steps, and is especially designed for household or store use, where a strong, durable and safe ladder is desired. Made in lengths from 2 to 10 steps.

Price, per step, 30 cents.

Challenge Step Ladder

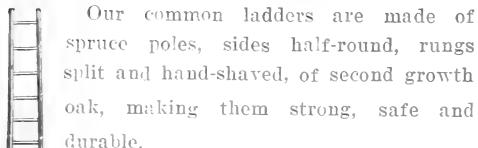
This ladder is built especially strong and of the very best of material. Made especially for use where a long ladder is required. We carry this ladder in 12-step lengths only.

Price, per step, 46 cents.



Paris Step Ladder

LADDERS



Our common ladders are made of spruce poles, sides half-round, rungs split and hand-shaved, of second growth oak, making them strong, safe and durable.

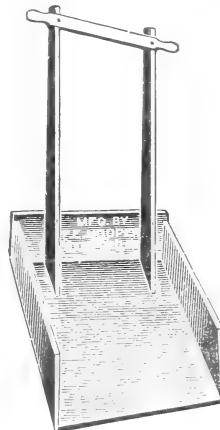
Price, per foot, 15 cents.

Flat Sided Ladders

Made in lengths up to 20 feet.

This makes a nice, neat ladder for banks, halls and public buildings, as it has an extra smooth finish.

Price, per foot, 20 cents.

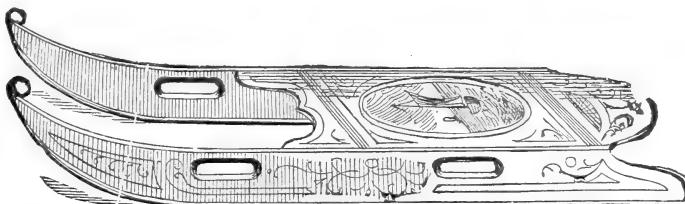


THE HOOPER SNOW SHOVEL

For railroad crossings and platforms, ice ponds, mill yards, flat roofs, concrete walks, etc.

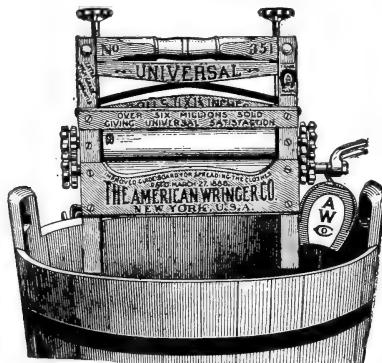
Price, 2½ feet wide.....\$3.50.

SLEDS



We carry a full line of both frame and clipper sleds. Write for Prices.

CLOTHES WRINGERS

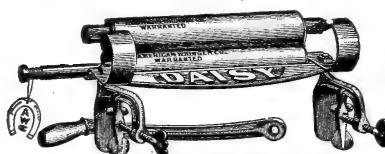
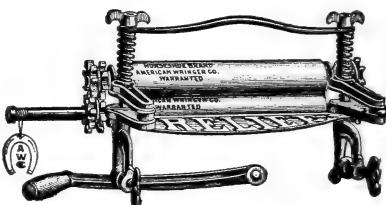


Wood Frame Wringers

	Price
No. 1050—CHEMICAL.—Family size, with pure rubber rolls.....	\$4.50
No. 380—UNIVERSAL.—Family size, with ball bearings	\$3.75
No. 350—UNIVERSAL.—Family size	\$3.25
No. 68—UNIVERSAL.—Hotel size, rolls 12-inchx2-inch	\$6.50
No. 300—NOVELTY.—Family size	\$3.25
No. 100—RIVAL.—Family size	\$2.75
No. 50—FALCON.—Family size	\$2.25
No. 10—CHALLENGE.—Family size	\$2.00

Steel Frame Wringers

	Price
No. 330—RELIEF.—Family size	\$3.25
No. 200—EUREKA.—Family size	\$3.00



Steel Frame Wringers

	Price
No. 100—DAISY.—Family size	\$2.50
No. 10—MARVEL.—Family size	\$2.00

Folding Bench Wringers

	Price
No. B. 180—HOUSEHOLD.—Family size with ball bearings	\$4.50
No. B. 150—HOUSEHOLD.—Family size	\$4.00
No. B. 370—EXCELSIOR.—Family size	\$4.50



Household Folding Wash Bench

Will hold two tubs or a tub and a clothes basket. A wringer of any pattern can be fastened on the frame. Price

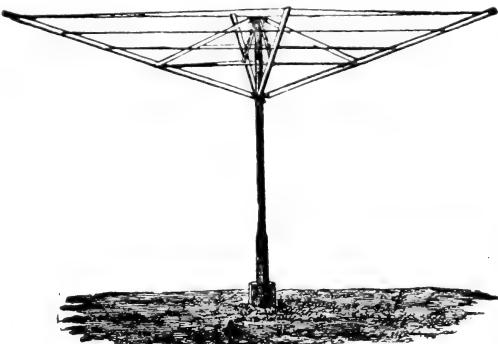
\$1.50.

Eureka Clothes Dryer

**The Best Clothes Dryer
in Use**

Price List

4-arm, 7 feet long, 110 feet of cotton rope	\$2.75
4-arm, 7½ feet long, 150 feet of cotton rope	\$3.00

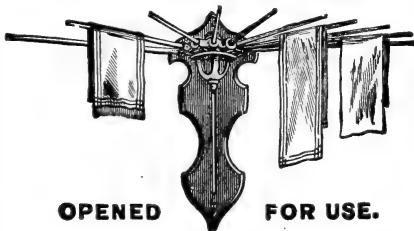


Revolving Clothes Irons

Can be fastened to any post, fitted for post 4½ inches in diameter. Made of cast iron nicely japanned.

Price each, 90 cents.

EMPIRE DRYING BARS.



OPENED

FOR USE.

This wall dryer is one of the most convenient articles of household use. It is made to screw to the wall and when not in use can be closed so as to occupy very little space.

Price 75 cents.



CLOSED.



Folding Clothes Horse

This well known article is used in nearly every household. It is constructed of the very best material and is very durable, also light and convenient to handle.

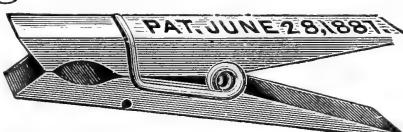
Prices

No. 3 .....	.65 cents.
No. 3½ .....	.75 cents.
No. 4 .....	.85 cents.

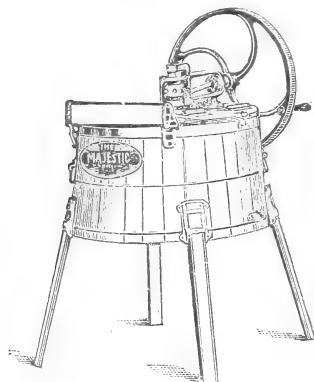
United States Spring Clothes Pins

In one gross boxes.

Price, per dozen



Majestic Rotary Washer



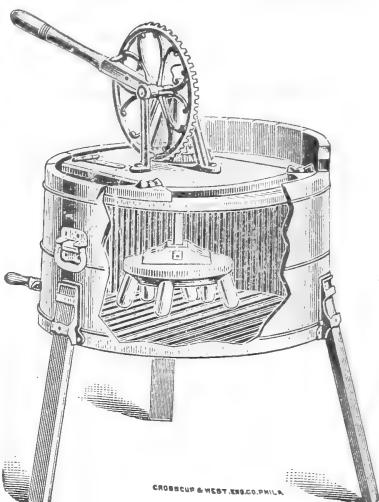
This washer is constructed of the best Virginia white cedar, and is very strong and finely constructed.

It is simple, strong, easy running and noiseless, the rotary motion being continuous, and the fly wheel heavy.

Very little power is required to operate this machine.

Price \$7.00.

Lightning Washer



CROSSCUP & WEST, INC. CO., PHILA.

This washer is constructed of the best Virginia white cedar, and is very strong and durable.

It is supplied with improved gearing and all castings are japanned.

Very easy running.

Price \$4.00.

The F. F. V. Improved Washer

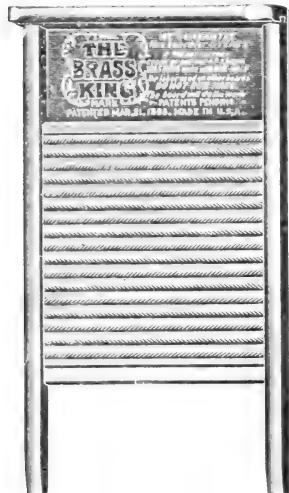
Has the Celebrated "MAJESTIC
Washer"



movement which is "geared" up to a shaft with a well balanced, heavy weight fly wheel. The lever or handle is "direct geared" to the mechanism, and has a forged steel pitman rod which drives the machine with great power and speed, but with little labor, as the mechanism is so constructed and geared up, as to enable a small child to do the family laundry in the shortest time, and with the least work. The heavy, nicely balanced fly wheel, running on 7 polished rollers reduces friction to a minimum.

This machine has a Virginia White Cedar tub, that will not sog or rot, and is hooped with the best Electric-Welded Wire Hoops (galvanized). The main frame of the F. F. V. Improved is now made of two solid halves, with self-lubricating gear case, which is accident and dirt proof.

Price \$8.00.



WASHBOARDS

Regular Size	Price
RIVAL—Sing'le zinc surface.....	25 cents.
SAGNAW—Single zinc surface.....	25 cents.
RUBY—Single zinc surface.....	25 cents.
TIDAL WAVE—Single zinc surface.....	30 cents.
NAIAD—Single zinc surface.....	35 cents.
BRASS KING—Single brass surface.....	35 cents.
BANGOR STAR—Double zinc surface.....	35 cents.
WHITE HEN—Single glass surface.....	40 cents.

Pail Washboards

JEWEL—Single zinc surface.....	15 cents.
INVINCIBLE—Single zinc surface.....	12 cents.



COTTON & CLOTHES LINES

Put up in 50-ft. and 75-ft. lengths.

	Price	Price
Federal, Braided	50 feet. .20 cts.	75 feet. .30 cts.
Nashhoba, Twisted .....	.20 cts.	.30 cts.
Bee, Solid Braided .....	.30 cts.	



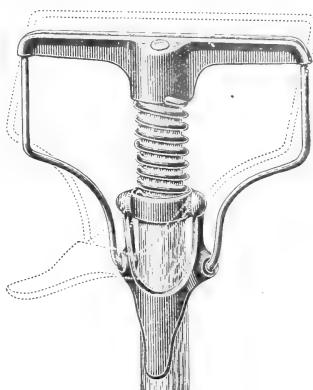
Patent Mop Wringers

Will quickly wring a mop perfectly dry, without touching mop with the hands.

The wringer may be instantly attached to any pail and quickly removed.

PRICE

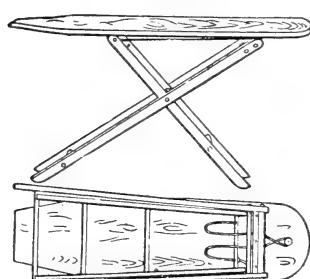
Family Size	\$1.50
Hotel Size	\$2.00



Ideal Lever Mop Handle

Price, 15 cents.

OPENED



CLOSED.

FOLDING IRONING TABLE

This table can be adjusted to any height. It can not fall down. It is made of the best of kiln dried stock. Size, 57 inches long; 15 inches wide.

Price, \$1.50.

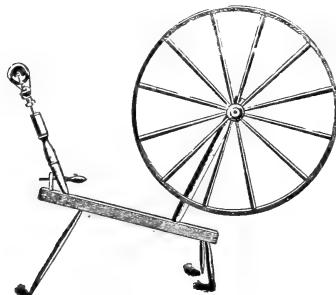


CLOTHES PINS

Made from selected white birch. Mann's Best. Put in 5 dozen selected pins in a carton. Price, 15 cents per carton.

Oriental, (extra quality).....Price, 3 cents per dozen. Common Clothes Pins.....Price, 2 cents per dozen.

Special prices in full box lots; 5 gross in a box.



Spinning Wheel

This wheel is nicely finished, and is made of selected hardwood. The wheel is brass bushed and the rim grooved.

Wheel, without head\$3.25.

Wheel Heads, each\$.60.

Ash Sifters

PRICES

Favorite, wood rim, wood cover	\$.50
Safety, galvanized iron rim, galvanized cover	\$1.00



Favorite Ash Sifter.



Safety Ash Sifter.

FRUIT JARS

BALL SURE SEAL FRUIT JAR is all glass, the contents does not come in contact with any metal. The top is glass and will last for years. It has wider opening than any other glass top jar, easier to fill, easier to clean.

This jar is perfect seal, durable, sanitary and convenient.

BALL MASON FRUIT JAR is the same style as the ordinary Mason jar, but is made of a better grade of glass, of superior finish, and more perfect construction.

These jars are put up one dozen in a package in 1 pint, 1 quart and 2 quart sizes.

Write for Prices.

Ball Sure Seal



Ball Mason



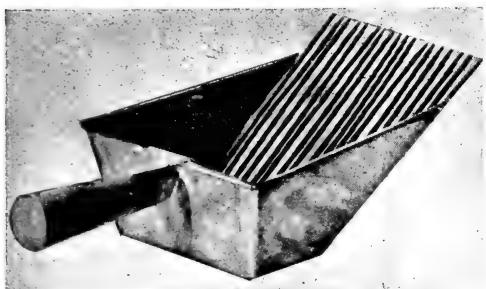
Fruit Jar Rubber Rings

For Lightning, Mason and Sure Seal Fruit Jars.

Put up 1 dozen in each package; 24 packages in a carton.

PRICE

1 dozen Rings 10 cents.



Acme Blueberry Picker

The picker is made from a good quality of tin, and fitted with points made from tempered steel spring lacquered wire. These points are thoroughly soldered, making a very substantial and convenient picker. For general use the 24 point is recommended.

PRICE

24 point \$1.75.

Other sizes can be furnished if desired.

Acme Cranberry Rake

This rake is made from heavy quality tin, and fitted with points made from tempered spring steel. Very strong, convenient and durable. Fitted with long wood handle.

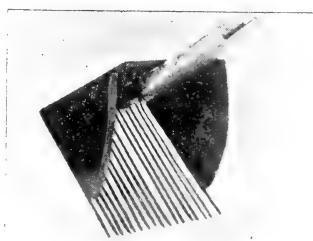
Price \$2.00.



Perforated Steel Rubbish Burner

Protect your own property and that of your neighbors by using this burner. Paint rags, oily waste, waste paper, and all kinds of inflammable rubbish can be burned with perfect safety in this burner. The top, bottom and sides are perforated to give plenty of draught. Strong enough to last a lifetime. Cover fitted with strong hinge and handle.

Price, 20 inches in diameter \$5.00.





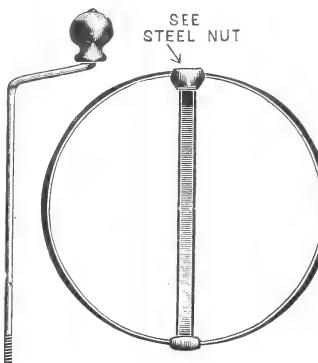
Gem Food Chopper

Nicely tinned, self-cleaning, self-sharpening. With four steel cutters for cutting coarse, medium, fine and pulverizing.

It will chop raw meat, cooked meat, and all kinds of vegetables and fruits, all kinds of crackers, bread, eggs, cheese, nuts, etc.

PRICES

No. 20. Small size	\$1.00
No. 22. Medium size	\$1.25
No. 24. Large size	\$1.75



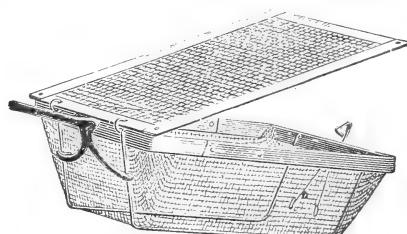
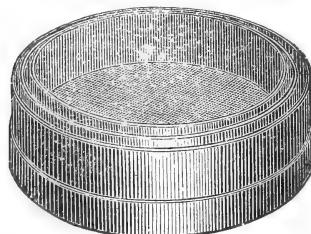
COLUMBIA FLOUR SIEVE

Made of extra heavy tin, very strong and durable.

Price, 25 cents each.

STANDARD FLOUR SIEVES

Price, 15 cents each.



Flour and Meal Sieves

Wood hoops, copper nailed. Covered with 18 mesh tinned wire.

PRICES

11-inch	15 cents.
12-inch	20 cents.
13-inch	25 cents.

Corn Poppers

This is a firm, well braced Corn Popper with detachable handle. The bottom is well guarded, which protects the bottom from wear.

PRICES

1 Quart...	10 cts.	2 Quart...	25 cts.
1½ Quart...	20 cts.	4 Quart...	40 cts.

Polished Maple Bowls



These bowls are made of the best hard maple with a Paraffine Wax Finish to prevent splitting.

Price List

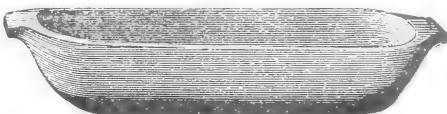
11-inch	15c
13-inch	25c
15-inch	35c
17-inch	50c
19-inch	65c
21-inch	85c

Chopping Trays

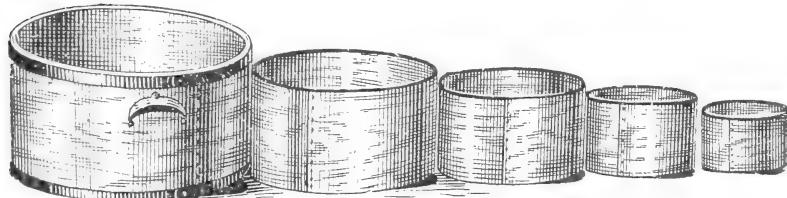
For chopping meats, vegetables, etc., butter-making and general dairy and kitchen use.

Price List

No. 1, Size 19 $\frac{1}{2}$ by 10 $\frac{1}{2}$	50c.	No. 2, Size 21 by 11.....	60c.
No. 3, Size 22 by 12.....			75c.



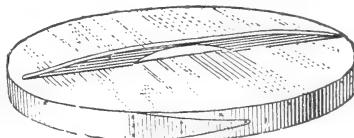
Dry Measures



Nest of five.....	\$1.50.
Half Bushel .....	.75.
Peck .....	.40.
One Quart .....	.15.

Barrel Covers

Sugar Barrel, 21-inch.....	30 cts.
Flour Barrel, 19-inch.....	25 cts.
Half Barrel, 17-inch.....	20 cts.



Covered Buckets



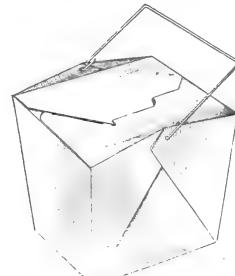
PRICES

Small.....Capacity 12 lbs.....	35 cents
Medium.....Capacity 25 lbs.....	45 cents
Large ....Capacity 50 lbs.....	55 cents

Waxed Lined Oyster Pails

PRICES

	Per 100
Pints	\$.80
Quarts	\$1.00



Lawn Swings

This swing will carry all that can get into it. It entertains children hours at a time in a pleasant, harmless, healthful way. Delightfully cool on hot summer days. Suitable for lawn or piazza. An ornament to any home.

Prices from \$4.00 to \$7.00



Hammock Chairs

Made of hardwood, finished natural color and nicely varnished. Covered with fancy striped duck. Will fold to less than two inches in thickness, and weighs but eight pounds. Easily adjusted to any position desired.

Price \$1.00

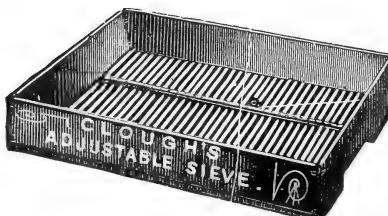
Lawn Settees

Made of hardwood nicely painted and varnished. Can be folded up.

Price \$1.00.



Clough's Adjustable Sieve



In offering this adjustable sieve to farmers and others, we know that they will find it useful and valuable for separating foul seed from grain, and sifting out the small grains, thereby getting the most vigorous kernels for seed; also for cleaning and sorting peas, beans, etc.

Price \$2.00

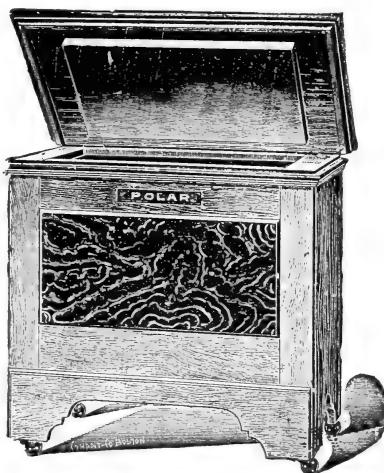
Polar Hardwood Refrigerators



Polar Family Refrigerator

This Illustration Shows Our Hardwood "Polar" Refrigerator

Note the general style and beauty, and observe the artistic carvings. No wood is exposed in the interior of these refrigerators, a strong, metallic lining covering every part of the inside thoroughly. They are built with heavy air tight walls, thoroughly insulated. They have swing base boards which facilitates the placing of the drip pan and makes sweeping easy. They are trimmed with strong, handsome locks and hinges, and are a high-grade and first-class refrigerator in every particular.



Polar Ice Chest

The "Polar" Ice Chests

These chests are made of well seasoned pine, nicely grained to imitate oak. Fitted with galvanized steel shelves and ice racks.

Stone Lined Refrigerators

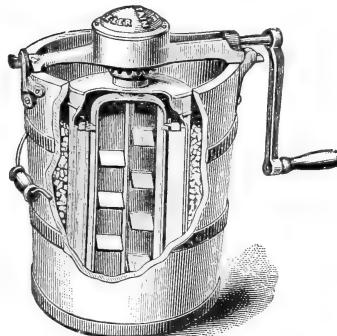
We carry in stock a line of stone-lined refrigerators.

Send for Catalogue and Prices.

Prices—Family Refrigerators

	Lbs. Ice	Length	Depth	Height	Manuf'r's Price	R.B.D. & Co.'s Price
No. 331,	40	21-in.	17-in.	39-in.	\$20.00	\$10.00
No. 332,	60	23-in.	18-in.	41-in.	\$23.50	\$11.75
No. 332½,	70	25-in.	19-in.	43-in.	\$26.25	\$13.25
No. 333,	80	27-in.	19-in.	44-in.	\$30.00	\$15.00
No. 334,	100	30-in.	21-in.	46-in.	\$34.50	\$17.25
No. 335,	140	33-in.	22-in.	48-in.	\$42.25	\$21.25
No. 336,	100	30-in.	21-in.	46-in.	\$38.75	\$19.50
No. 337,	140	33-in.	22-in.	48-in.	\$46.75	\$23.50

Improved White Mountain Freezers



This is universally the favorite family Ice Cream Freezer, because it combines more excellence than all the other family freezers made. It is the only freezer made with a duplex dasher and double self-adjusting scrapers, which, by keeping every particle of cream in constant motion, causes it to freeze faster and more evenly than can possibly be accomplished by any other freezer.

PRICES

2-qt., \$2.25. 3-qt., \$2.50. 4-qt., \$2.75. 6-qt., \$3.50.
8-qt., \$4.50. 10-qt., \$6.00. 12-qt., \$7.25. 15-qt., \$9.00.

Prices of larger sizes furnished on application.

ARCTIC Ice Cream Freezers

This is the single action type, the can revolving while the beaters remain stationary. A first-class freezer in every respect.

PRICES

2-qt., \$1.75. 3-qt., \$2.00. 4-qt., \$2.35. 6-qt., \$3.00.
8-qt., \$4.00. 10-qt., \$5.00. 12-qt., \$6.00.



Oak Well Buckets

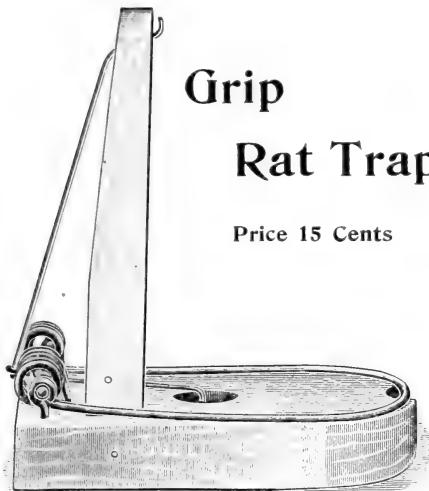


Black Iron Hoops and Bail, 60 cents.
Galvanized Iron Hoops and Bail, 75 cents.

Oak Kegs



5 Gallon Kegs.....\$.80.
10 Gallon Kegs.....\$1.10.



Grip Rat Trap

Price 15 Cents



Rex Traps

PRICES

	Each
Rex Mouse Traps.....	10 cts.
Rex Rat Traps.....	15 cts.
Grip Rat Traps.....	15 cts.
Five Hole Tin Mouse Traps.....	10 cts.

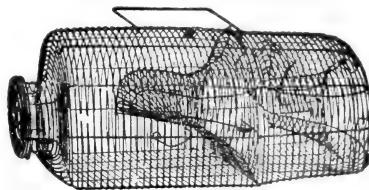


Dover Egg Beater

Price, 10 cents.



Turn Table.

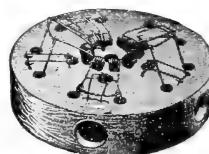


French Pattern Marty Traps

PRICES

Each

No. 5, for Mice	25 cts.
No. 3, for Rats	40 cts.



Wood Mouse Traps

PRICES

Each

Four Hole	10 cts.
Five Hole	10 cts.



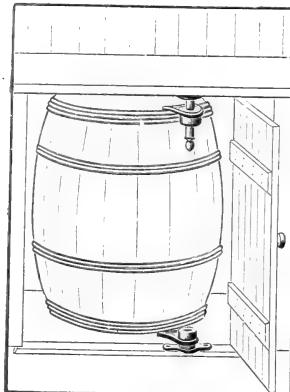
Lyon Egg Beater

Price, 25 cents.

Apple Parers

Prices

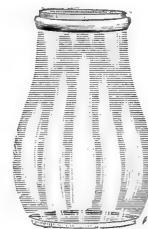
Turn Table	60 cents.
Hudson's Rocking Table	60 cents.
Little Star	50 cents.
White Mountain	50 cents.



Barrel Swing

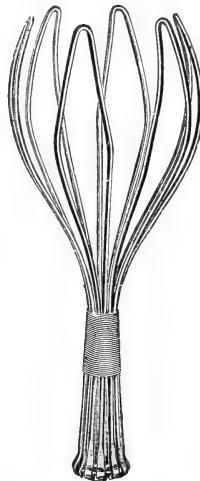
For swinging barrels under counters and shelves.

Price 50 Cents



Lantern Globes

No. 0	10 cts.
Cold Blast	10 cts.
Blizzard	10 cts.



Fruit Gatherers

Strongly made of heavy tinned wire. Can be attached to any pole. A valuable article for fruit raisers.

Price 30 cents.



Wood Spoons

PRICES

14-inch	15 cts.
17-inch	15 cts.

Towel Roll



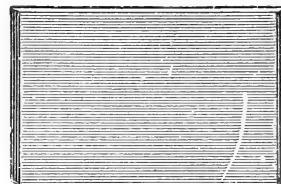
25 cents each.



Rolling Pins

PRICES

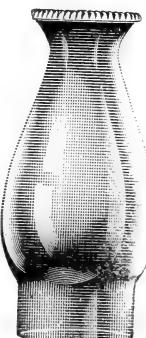
Creased, Large	25 cts.
Plain Rolling Pins, with revolving enameled handles	25 cts.



Bread Boards

PRICES

16-inchx22-inch	40 cts.
18-inchx24-inch	45 cts.
20-inchx26-inch	50 cts.



Macbeth's Pearl Top Lamp Chimneys

VELVET FLY KILLER



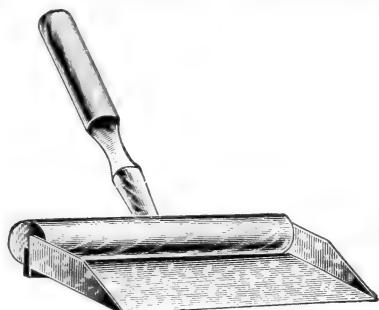
Price 10 cents

Wire Handle Fly Killer

Price 10 cts.



Ideal Sink Cleaner



Price 10 cts.

Gilray's Curtain Stretcher

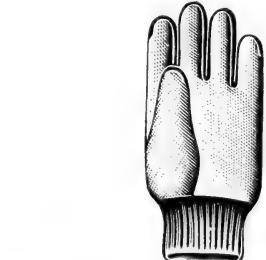
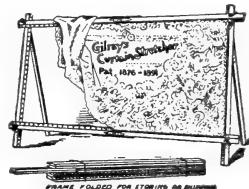
The superiority of this stretcher is claimed because of its age and experience so gained—its careful and excellent workmanship—the high grade of material used—its easy and simple adjustment. Any lady can do up the finest fabrics with satisfaction and pleasure.

Price \$1.75.

Cotton Dish Mops



Prices, 5 cts. and 10 cts.
each.



Cotton Gloves

PRICES

	Per Pr.
No. 3 B	10 cents.
No. 3 K	10 cents.
No. 2 K	10 cents.
No. 1 K	15 cents.
No. 26 K	15 cents.
No. 1 Jersey	15 cents.



Whisk Brooms

PRICES

	Each
No. 367	15 cts.
No. 380	20 cts.
No. 480	20 cts.



"Best Yet" Riveting Machine

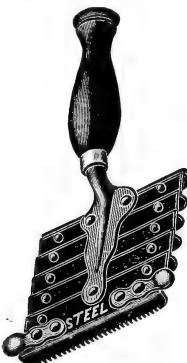
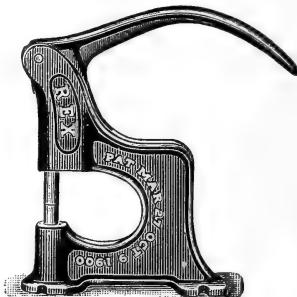
This is a combined riveting machine, anvil and punch.
Made of malleable iron and steel.

Price \$1.00.
Split copper rivets for "Best Yet" riveting machine.
Price, per box of 50..... 5 cents.
Price, per box of 100..... 10 cents.

"Rex" Riveting Machine

Made of malleable iron. A very handy, durable tool. The same rivets are used on this machine as are used on the "Best Yet" Riveting machine.

Price 75 cents.



Curry Combs

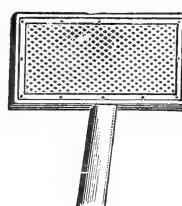
No. 211.....15 cts.
No. 28.....18 cts.
No. 230.....20 cts.

No. 230.



Cow Bells

No. 1½, Height 5¾-inch, 40 cts.
No. 2, Height 5½-inch, 35 cts.
No. 3, Height 4¾-inch, 30 cts.
No. 4, Height 4¾-inch, 25 cts



Cattle Cards

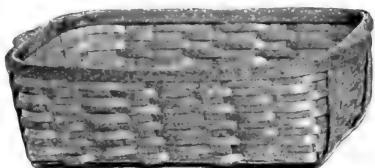
PRICES

No. 4—Small—5¾x3½ inches 8 cts.
No. 2—Large—8¼x3½ inches 10 cts.



Ox Muzzles

Extra Heavy, 6 guarded.
Price, per pair.....60 cts.



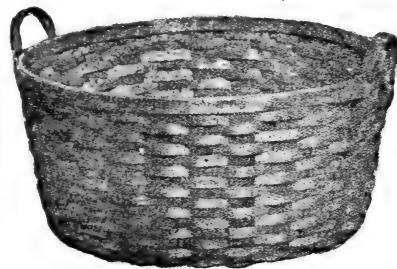
Grocer Market Basket Strapped

Number	Size	Price
0.....	.24x15x8	50 cents.
1.....	.23x13x7	40 cents.
2.....	.21x12x6½	35 cents.
3.....	.18x10½x6	30 cents.
4.....	.15x9x6	25 cents.

Market Basket

Bail Handle

Number	Size	Price
0.....	.24x15x8	50 cents.
1.....	.23x13x7	40 cents.
2.....	.21x12x6½	35 cents.
3.....	.18x10½x6	30 cents.
4.....	.15x9x6	25 cents.

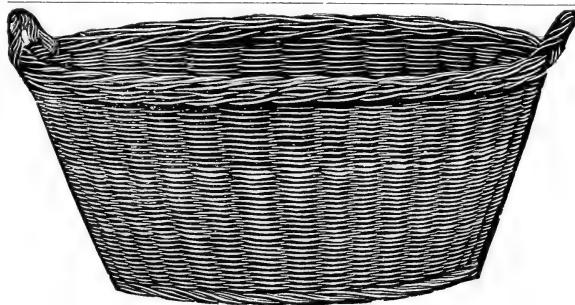
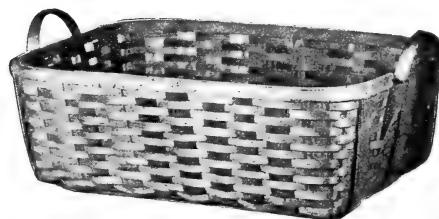


Round Clothes Basket

Number	Size	Price
1.....	24 inches in diameter	50 cents.
2.....	22 inches in diameter	45 cents.

Oblong Clothes Basket

Number	Size	Price
0.....	.33x22x14	\$1.25.
1.....	.33x22x10	\$1.00.
2.....	.30x20x10	\$.85.
3.....	.26x17x9	\$.75.

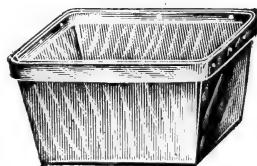


Willow Clothes Basket

Size	Price
Small	\$.65.
Medium	\$.75.
Large	\$.85.
Extra Large	\$1.00.

Berry Basket ONE QUART PRICES

Per 100 \$.50.
Special prices made on application for lots of 1,000 or more.
We also carry Verbena Baskets in stock.





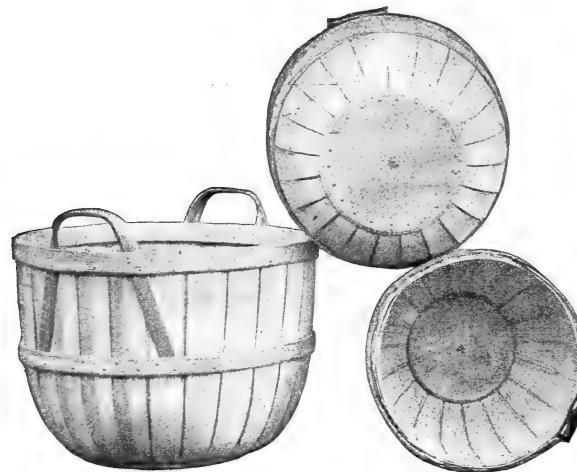
Ash Covered Lunch Baskets

Number	Price
1	75 cts.
2	65 cts.
3	60 cts.
4	50 cts.
5	45 cts.

Spruce Lunch Baskets

PRICES

No, 1.....	10 cts.	No. 3.....	25 cts.
No. 2.....	15 cts.	No. 4.....	35 cts.
No. 5.....	40 cts.		



Oxford Stave Baskets

Made with selected white ash staves.

Size	Price
1/4 Bushel, Drop Bail.....	\$.30.
1/2 Bushel, Drop Bail.....	\$.40.
3/4 Bushel, Drop Bail.....	\$.45.
1 Bushel	\$.50.
2 Bushel	\$1.00.

Oak Baskets

Size	Price
1/4 Bushel, Drop Bail.....	\$.30.
1/2 Bushel, Drop Bail.....	\$.35.
3/4 Bushel, Drop Bail.....	\$.45.
1 Bushel	\$.50.
1 1/2 Bushel	\$.75.
2 Bushel	\$1.00.
3 Bushel	\$1.75.
4 Bushel	\$2.25.

We also carry a full line of Wood Baskets, Office Baskets, Clothes Hampers, etc.



HAM'S TUBULAR LANTERNS



No. 0 Clipper Lift
Price 40 Cents



No. 2 Clipper Lift
Price 60 Cents



No. 2. Cold Blast
Price 80 Cents



Gem Side Lamp
Price \$1.25



No. 9 Improved
Globe Tubular
Street Lamp

This lamp has outside wick regulator, automatic time extinguisher patent windbreak and will not smoke or blow out.

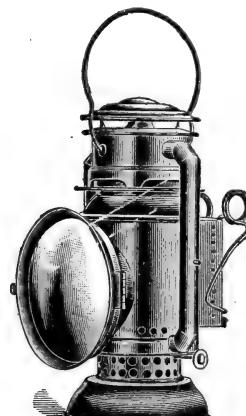
Can be attached to a wooden post or iron bracket.

PRICES

No. 9 Ham's Street Lamp	.....	\$5.00
Street Lamp Bracket	.....	\$1.25



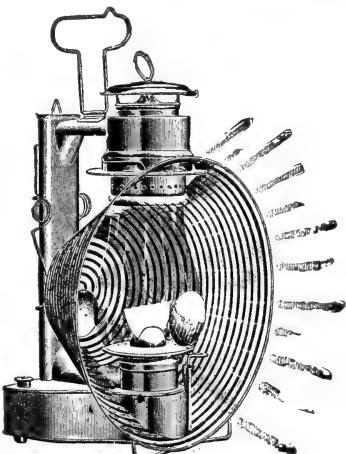
Gem Lantern
Price 75 Cents



Ham's No. 18 Diamond
Driving Lamp
Black Enamelled
Price \$2.50

These lanterns are made with oil fount of liberal capacity, from heavy steel tin plates, and carefully tested for leaks before setting up, insuring the purchaser against a trip to the tin shop before having a lantern that can be used.

Ham's Tubular "Search Light" Lantern, just the Lamp you want where a strong light is required, and to be spread over a large space, as in creameries, stables, mills, etc. Will burn out of doors as well as inside.



Ham's Tubular "Search Light" Lantern
Price \$2.25

OIL CANS



MONARCH
5-Gallon, \$1.00



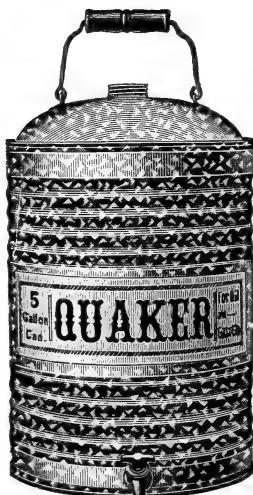
HOME RULE
5-Gallon, \$1.25

PERFECTION OIL TANK

With steady stream pump, which can be detached and used in pumping oil from barrel into the tank. Each tank furnished with a 1-pt., 1-qt., and 2-qt. tin measure and a 1-qt. tin funnel.

Price, 60 gallon.....	\$ 7.00.
Price, 106 gallon.....	\$10.00.

**THESE CANS ARE ALL MADE OF HEAVY GALVANIZED IRON
AND VERY NEATLY DECORATED**



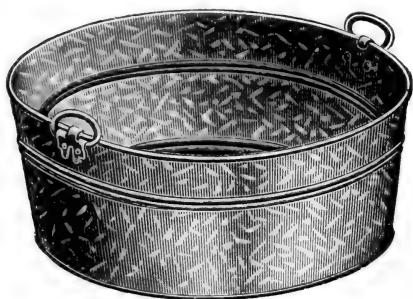
QUAKER
5-Gallon, 65c



POLO
1-Gallon, 25c



COLUMBIA
5-Gallon, 75c



Galvanized Iron Wash Tubs

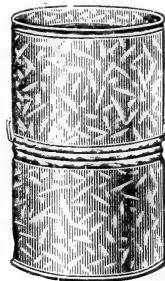
Number	Size	Price
11.....	20 $\frac{1}{2}$ x17 $\frac{3}{4}$ x10 $\frac{1}{2}$	60 cents.
22.....	22 $\frac{3}{4}$ x19 $\frac{1}{2}$ x11.....	70 cents.
33.....	24 $\frac{1}{2}$ x21 $\frac{1}{4}$ x11.....	80 cents.

GALVANIZED IRON KEELERS

Number	Size	Price
A.....	14 $\frac{1}{8}$ x11 $\frac{3}{8}$ x8 $\frac{1}{8}$	40 cents.
B.....	15 $\frac{1}{2}$ x12 $\frac{3}{4}$ x8 $\frac{5}{8}$	45 cents.
O.....	18 $\frac{1}{2}$ x15x9.....	50 cents.

Monitor Ash Cans

Made of Heavy Galvanized Iron With Drop Handles.
 No. 5.....18-in. diameter, 26-in. high.....Price, \$2.50.
 No. 1.....16 $\frac{1}{2}$ -in. diameter, 27 $\frac{1}{2}$ -in. high.....Price, \$1.50.



Bushel Basket

With Drop Handles

These baskets are made of refined galvanized steel and are water tight, making a very handy basket about the farm or stable.

PRICE

One Bushel, With Drop Handles.....60 cents.
 Half Bushel, With Drop Bail.....45 cents.

Coal Hods

Made of heavy galvanized iron. Strong and durable.

	Price
No. 516. Regular size	40 cents.
No. 166. Regular size, extra heavy	60 cents.
No. 515. Small size	35 cents.



Galvanized Garbage Cans

With Cover and Bail

Seamless Covers Fitting Over Outside, Flat Bottom.

No. 00.....	12-in. high, 10 $\frac{1}{4}$ -in. diameter.....	Price, \$.75.
No. 03.....	14-in. high, 14-in. diameter.....	Price, \$1.00.
No. 30. heavy	15 $\frac{1}{2}$ -in. high, 14-in. diameter.....	Price, \$1.50.



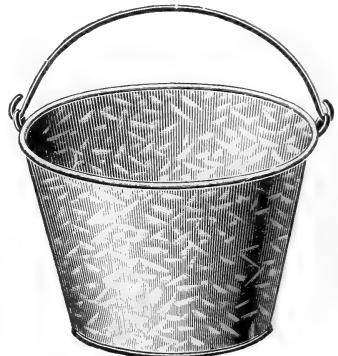
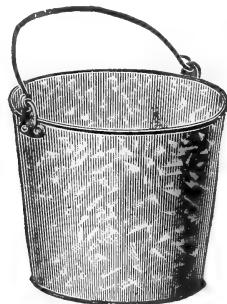
Water Pots

Made of heavy galvanized iron, will not rust and wear out as the cheap tin sprinklers do. These sprinklers have movable heads, which screw on; there is no joint in the tube and no leaking. Heads easily removed to cleanse the holes.

PRICES

4 quart	35c	10 quart	60c
6 quart	45c	12 quart	65c
8 quart	50c	16 quart	75c

Galvanized Water Pails

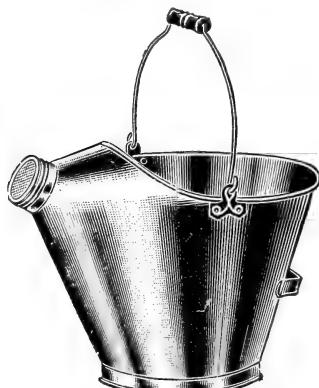


MULE PAILS

Large Top, Flaring Sides.
16 quart 45 cents.

10 quart	25 cents.
12 quart	30 cents.
14 quart	35 cents.
14 quart, extra heavy.....	50 cents.

National Strainer Milk Pail



Made extra strong, with detachable strainer.
No. 124, 12 quart.....\$1.00.

Strainer Milk Pail



Made of heavy polished tin.
No. 512, 12 quart, 65 cts.

Plain Dairy Pail



10 quart.....	25 cts.
12 quart.....	30 cts.
14 quart.....	40 cts.

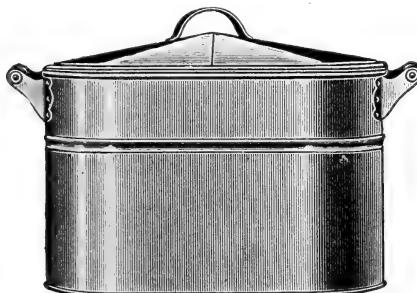
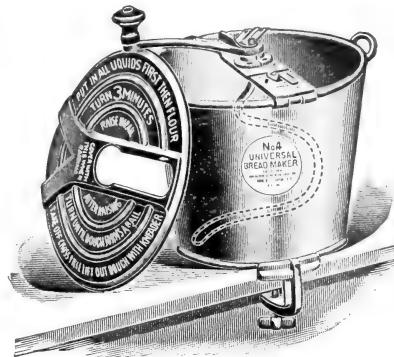
The Universal Three-Minute Bread Maker

Bread Maker, Mixer, Kneader and Raiser all Combined

Made of heavy tin and sheet steel. All parts tinned. No housekeeper, who has once used it, will ever be content to go back to the old, laborious, disagreeable way of making bread by hand. Very simple in construction. A child can operate it. As easily cleaned as a tin pail.

PRICES

No. 2, capacity from 1 to 2 loaves.....	\$1.35
No. 4, capacity from 2 to 6 loaves.....	\$2.00
No. 8, capacity from 4 to 10 loaves.....	\$2.50



Oval Tin Wash Boilers

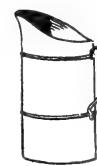
PRICES

Length	Width	Height	
No. 8—21-in...	11 1/2-in...	13 1/4-in.	1xTin.....\$1.00
No. 9—22-in...	12-in...	13 1/4-in.	1xTin.....\$1.10
No. 8—21-in...	11 1/2-in...	13 1/4-in.	1xxTin.....\$1.15
No. 9—22-in...	12-in...	13 3/4-in.	1xxTin.....\$1.25
No. 8—21-in...	11 1/2-in...	13 1/4-in.	1xTin, with copper bottom
			\$1.35
No. 9—22-in...	12-in...	13 3/4-in.	1xTin, with copper bottom
			\$1.50
No. 9—22-in...	12-in...	13 1/4-in.	all copper, \$3.00



Star Fibre Pails

12 quart 25 cents.



Fibre Liquid Measures

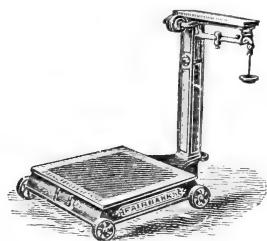
Per set, 4 pieces.....	\$1.70
2 quart	\$.55
Quart	\$.50
Pint	\$.35
Funnels	\$.35



FIBRE SPITTOONS

PRICES

No. 1.—13 inches diameter.....	\$.70
No. 2.—11 inches diameter.....	\$.55
No. 3.—9 inches diameter.....	\$.50



FAIRBANKS' PORTABLE PLATFORM SCALES

Furnished with or without wheels.
In capacities from 400 to 2,500 pounds.
Send for Catalogue and Prices.

MARKET SCALES

We carry a full line of these scales in stock in different patterns, with tin or porcelain pans as desired.

Prices from \$3.75 to \$8.00.

Send for catalogue of market scales.



IMPERIAL GROCERS' SCALE

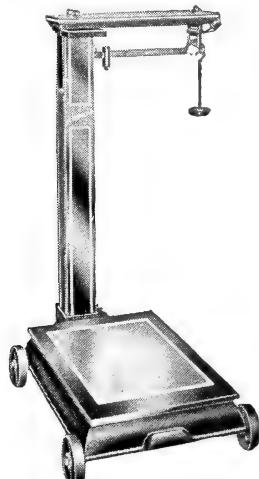
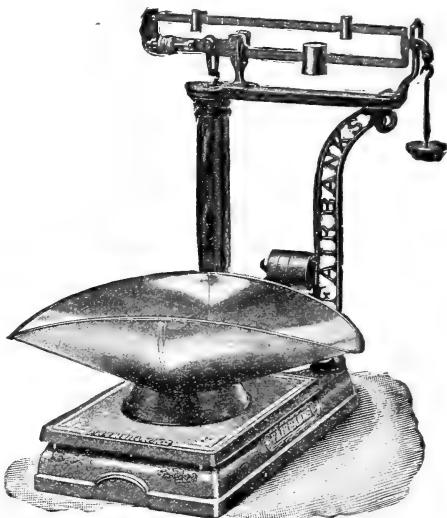
A very convenient counter scale for the grocer or general store where heavy as well as light weights are required.

Has a capacity of from 1-oz. to 250 lbs. with platform 12-in.x15-in. Has nickel-plated, double beam with scoop balance at left end of beam for instant adjustment when scoop is removed or replaced.

Finished in black, suitably ornamented.

Number	List Price
507—With Large Brass Scoop.....	\$25.00

Write for discount.



THE BANGOR SCALE

PRICES

600 lb. Scale	\$10.00.
1,000 lb.	\$12.00.

Send for Descriptive Circular.

We are AGENTS FOR FAIRBANKS' complete line of scales, and can furnish anything in their line. Send for Catalogue.



Parcel Post Counter Scales

The Parcel Post Scales are made to conform with the new Law, effective January 1st, 1913.

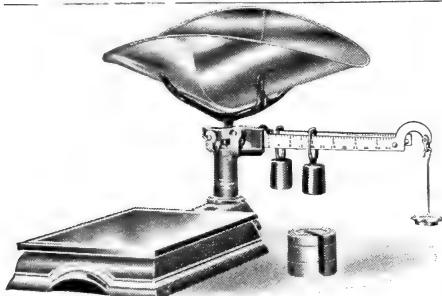
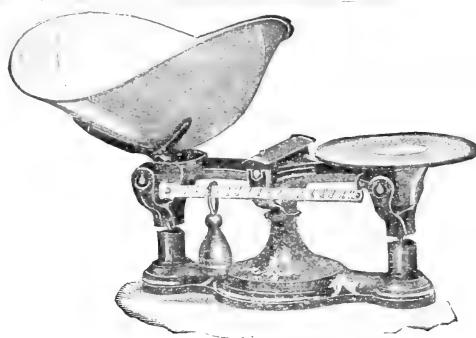
They indicate automatically and accurately IN CENTS the cost of postage on parcels in the United States, according to Zones.

Price \$3.00

Grocers' Even Balance Trip Scales

In all patterns and sizes. Furnished with agate bearing and nickel plated scoop and weights, if desired.

We carry a full line of grocers' counter scales in stock and can make prompt shipments.



UNION SCALES

Capacity from $\frac{1}{2}$ ounce to 240 pounds.
Finely finished with tin scoop and brass beam.

Single Beam \$4.50

Double " 5.00

Grocers' Scales

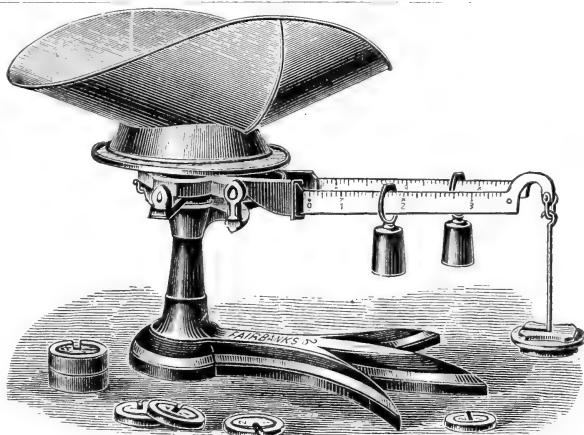
One of the best, if not the best scale for the average grocer's use. Very accurate and sensitive. Will weigh from $\frac{1}{2}$ oz. to 63 lbs.

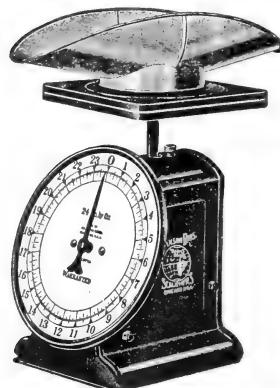
Can be used with or without scoop as desired.

Number List Price
542—With double beam and brass scoop \$14.50

If wanted with AGATE BEARINGS add \$5.00 to above list price.

Write for discount.





No. 202 S.

No. 037 B.	Capacity 10 lbs. by 1 oz.	\$3.50.
No. 047 B.	Capacity 25 lbs. by 1 oz.	\$3.50.

FAMILY SCALES

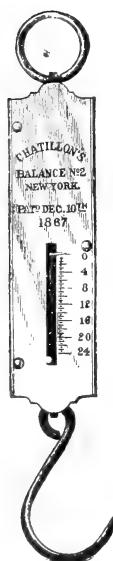
No. 202.	Finished in black enamel with white enamel straight dial with tin scoop; capacity 25 lbs.	
Price	.....	\$1.25
No. 202, S.	Same as No. 202, except that it has slanting dial. Price	.....
		\$1.25
No. 60, U. S. Family Scale.	Finished in black enamel with white enamel dial; capacity 60 lbs.	
Price, without scoop	.....	\$2.50

Favorite Family Scales

A large size, handsomely ornamented Family Scale. They have a large, 7-inch glass covered, white enamel dial, and are furnished with a polished brass scoop 14 inches long by 7 inches wide. Very easy of adjustment to use with or without scoop, as desired.

PRICES

No. 037 B.	Capacity 10 lbs. by 1 oz.	\$3.50.
No. 047 B.	Capacity 25 lbs. by 1 oz.	\$3.50.

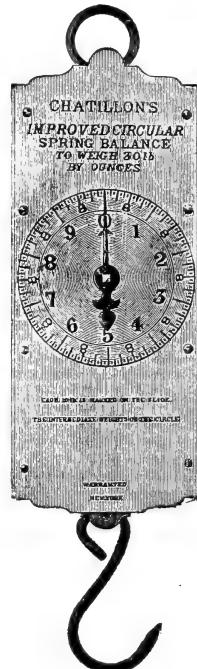


Spring Balances

No. 2,000.—24 lbs. by $\frac{1}{2}$ lb.	10c
No. 20.—25 lbs. by $\frac{1}{2}$ lb.	15c
No. 30.—50 lbs. by 1 lb.	25c

HIGH GRADE

No. 40.—25 lbs. by $\frac{1}{2}$ lb.	35c
No. 50.—30 lbs. by $\frac{1}{2}$ lb.	45c
No. 70.—50 lbs. by 1 lb.	65c

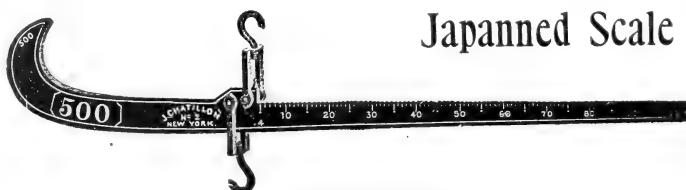


Milk and Cream Scales

These scales are made with a loose pointer, which by means of a thumb screw on the center the pointer may be set anywhere on the dial, thus taking the care of the milk pail, etc. They are made with the pounds divided in ounces or decimal-ly.

PRICES

No. 260 M. O.	
30 lbs. by 1 oz.	.....
	\$3.25
No. 260 M. D.	
30 lbs. by 1-20 oz.	.....
	\$3.50



Japanned Scale Beam

PRICES

300 lbs.	.....	\$1.90.
400 lbs.	.....	\$2.50.



The Stoddard Churn

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated, easily cleaned.

Prices—Dairy Size

		R. B. D. & Co.'s Price	R. B. D. & Co.'s Price
No. 1,	Churns from 1 to 4 gals. cream..	\$ 9.00	\$ 8.50
No. 2,	Churns from 2 to 7 gals. cream..	\$ 9.50	\$ 9.00
No. 3,	Churns from 3 to 9 gals. cream..	\$10.75	\$10.00
No. 4,	Churns from 4 to 12 gals. cream..	\$12.00	\$11.00
No. 5,	Churns from 5 to 16 gals. cream..	\$14.00	\$12.50
No. 5½,	Churns from 5 to 20 gals. cream..	\$17.00	\$15.50
No. 6,	Churns from 6 to 28 gals. cream..	\$20.00	\$18.00

The Hero Churn

The "Hero" Churn we offer to those desiring a lower priced churn, as we believe that there is more value for the money in this churn than in any other ever brought to our notice. The churns are made of best white oak, thoroughly seasoned and kiln-dried, having galvanized iron rim in head, making it very strong. The cover fastening is very simple and efficient.

Price List

	R. B. D. List & Co.'s Price	R. B. D. Price
No. 1, 10-gallon, Churns from 1 to 5 gals, cream,	\$9.00	\$5.40
No. 2, 15-gallon, Churns from 1 to 7 gals. cream,	10.00	6.00
No. 3, 20-gallon, Churns from 2 to 9 gals. cream,	11.00	6.60
No. 4, 25-gallon, Churns from 2 to 12 gals. cream,	14.00	8.40
No. 5, 35-gallon, Churns from 3 to 16 gals. cream,	18.00	10.80



Cylinder Churn

A favorite style of churn which has been in use many years.

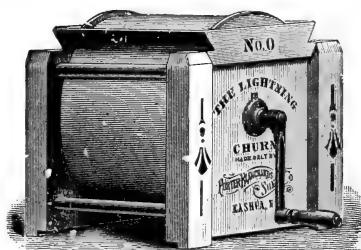


	Manuf'r's Price	R. B. D. & Co.'s Price
No. 1, capacity 2½ gallons.....	\$2.50	\$2.00
No. 2, capacity 4 gallons.....	\$3.00	\$2.35
No. 3, capacity 7 gallons.....	\$3.50	\$2.70
No. 4, capacity 10¼ gallons.....	\$4.00	\$3.00

The Lightning Churn

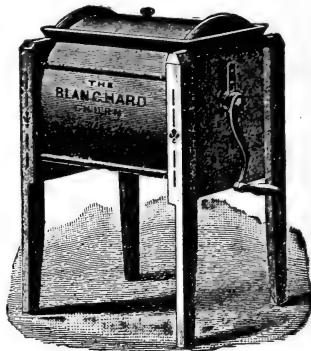
This has been made to supply the demand for a small, cheap churn. It is strong and durable with no parts to get out of order.

Capacity	Manuf'r's Price	R. B. D. & Co.'s Price
No. 0.....2 gallons.....	\$3.00	\$2.35
No. 1.....3 gallons.....	\$3.50	\$2.75
No. 2.....4 gallons.....	\$4.00	\$3.00
No. 3.....5 gallons.....	\$4.50	\$3.25

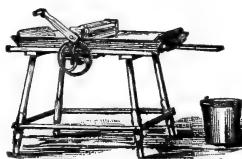


BLANCHARD CHURN

	R. B. D. Manuf'r's Price	& Co.'s Price
No. 3, for up to about 2 gallons of cream, \$ 6.00	\$ 4.00	
No. 4, for up to about 4 gallons of cream, \$ 7.00	\$ 4.50	
No. 5, for up to about 6 gallons of cream, \$ 8.00	\$ 5.50	
No. 6, for up to about 12 gallons of cream, \$10.00	\$ 6.50	
No. 7, for up to about 16 gallons of cream, \$12.00	\$ 8.00	



WATERS' BUTTER WORKER



It combines more essential points than any other and recommends itself to all who examine it. It is durable, efficient, economical.

	R. B. D. Manuf'r's Price	& Co.'s Price
No. 0, capacity 15 pounds	\$ 7.00	\$ 6.50
No. 1, capacity 30 pounds	\$ 8.00	\$ 7.50
No. 2, capacity 40 pounds	\$ 9.00	\$ 8.50
No. 3, capacity 50 pounds	\$10.00	\$ 9.50
No. 4, capacity 75 pounds	\$12.00	\$11.00

WELLS, RICHARDSON & CO.'S DANDELION BRAND BUTTER COLOR

PURELY VEGETABLE

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

PRICE LIST

Small size, 4 ozs., to color about 500 lbs...	\$.25
Medium size, 10 ozs., to color about 1,250 lbs...	\$.50
Large size, 24 ozs., to color about 2,800 lbs...	\$1.00
Cans, 1 gallon each.	\$3.00

Butter color sent by express or freight only. We do not send it by mail.



CHAMPION MILK COOLER AND AERATOR

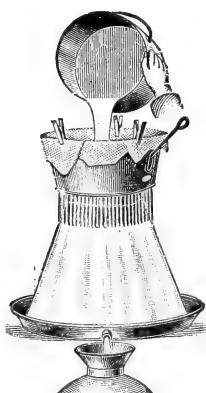
This is a perfect Aerator, removing flavors arising from excessive cabbage, turnip or silo rations.

It is a complete Deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

It is a thorough Cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water, or ice water.

Every farmer or milkman handling milk cannot afford to be without one.



No.	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Manuf'r's Price	R.B.D. & Co.'s Price
2.	18 Quarts,	10 to 25 Cows,	3 Milkers,	\$7.00	\$5.60
3.	34 Quarts,	25 to 50 Cows,	5 Milkers,	\$8.00	\$6.40

Penobscot

Milk or Cream Cans



5 gal. Penobscot Steel Can.

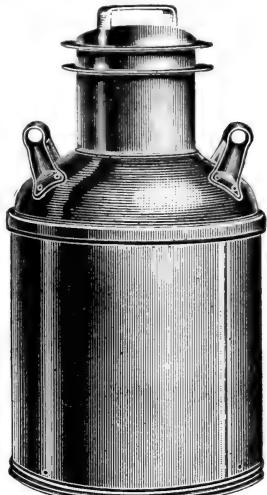
These cans are made of heavy tinned steel with heavy tinned iron hoops around top and bottom. They have a large neck so that the cans may be easily cleaned.

These cans are especially adapted for carrying and shipping milk or cream.

Other styles of shipping cans furnished, if desired.

PRICES

5 gal. Penobscot Steel Can.....	\$2.25.	10 gal. Penobscot Steel Can.....	\$3.00.
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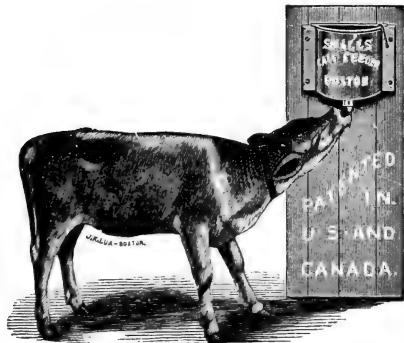


Parchment Butter Paper

For Wrapping and Covering Butter

Better, Cheaper and More Convenient to Use
Than Ordinary Muslin.

Price 15 Cents Per Pound



Rice's Calf Weaner

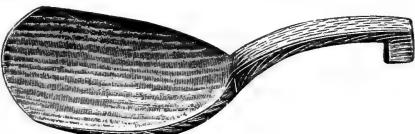
For prevention of calves and cows sucking themselves or each other. It is no hindrance to either eating or drinking, and does the animal no injury.

Blade in Three Sizes

PRICES

- No. 1. For Calves till one year old, 30 cts.; by mail 35 cts.
- No. 2. From one to two years old, 50 cts.; by mail, 55 cts.
- No. 3. For full grown animals, 75 cts.; by mail, 85 cts.

BUTTER LADLE



Price 15 Cents

SMALL'S CALF FEEDER

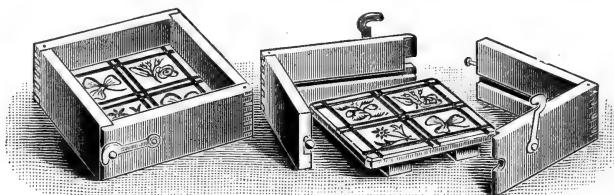
For feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

Gives Universal Satisfaction

Manufacturer's Price \$2.50.
R. B. D. & Co.'s Price \$2.00.
Extra Nipples, 25 cents each.



The Blanchard Butter Mold

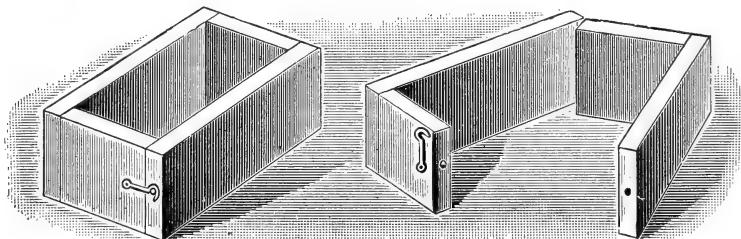


These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery, and when desired, initial is substituted at a slight advance in cost. Each division on face of mold represents one-quarter pound of butter.

PRICE

$\frac{1}{2}$ Pound	\$.85.	By mail, postage paid.....	\$1.00.
$\frac{1}{4}$ Pound	\$1.00.	By mail, postage paid.....	\$1.25.
2 Pound	\$1.50.	By mail, postage paid.....	\$1.75.

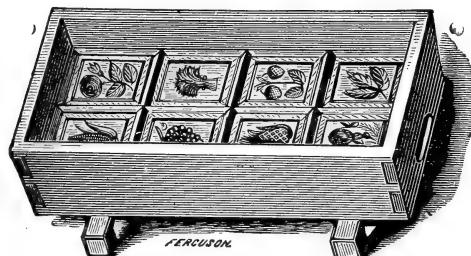
The "Simplex" Butter Mold



This is a favorite style of Butter Mold, being simple, cheap and substantial and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter.

PRICE

Dovetailed Corners	25 cents.	By mail, postage paid.....	35 cents.
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Combination Butter Prints

The demand for the Combination Butter Print has largely increased during the past few years, the average dairyman being more particular about the appearance of his butter.

The cut here shown represents No. 6 print in its mold, which holds two pounds and is divided into eight cakes, one-fourth each.

No. of Print	No. of Cakes	Capacity of Molds in lbs.	Capacity of Each Cake in ounces	Dimensions of Molds in inches	Dimensions of Each Cake	Price
2	4	2	8	11x3 $\frac{3}{4}$	3 $\frac{3}{4}$ x2 $\frac{3}{4}$	\$3.75
3	4	2	8	12x3	3x3	\$3.75
4	4	1	4	4 $\frac{1}{2}$ x5	2 $\frac{1}{4}$ x2 $\frac{1}{2}$	\$3.50
5	4	1	4	10x2 $\frac{1}{2}$	2 $\frac{1}{2}$ x2 $\frac{1}{2}$	\$3.75
6	8	2	4	10x4 $\frac{1}{2}$	2 $\frac{1}{4}$ x2 $\frac{1}{2}$	\$4.50
10	24	1 $\frac{1}{2}$	1	10x4	1 $\frac{1}{4}$ x1 1-3	\$5.25
12	8	4	8	11x5	2 $\frac{3}{4}$ x2 $\frac{1}{2}$	\$4.50

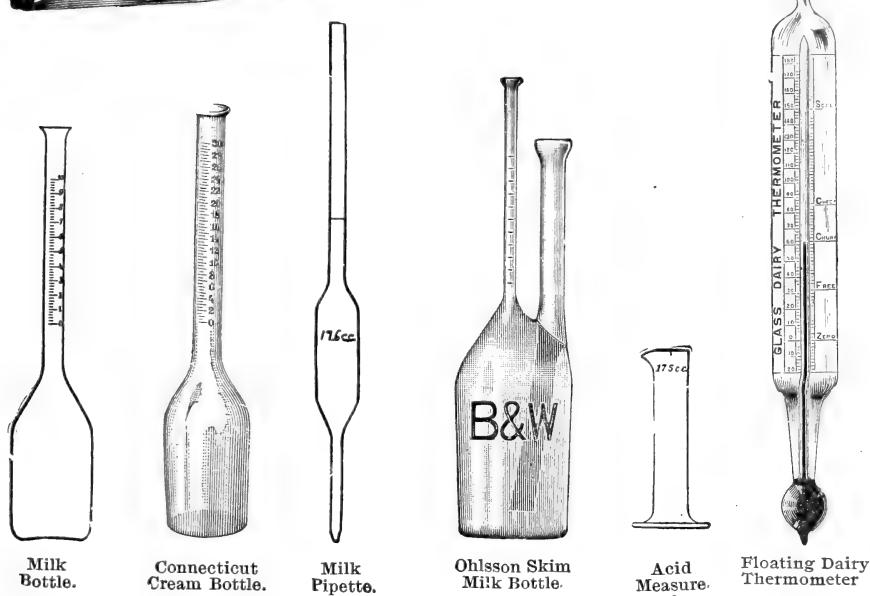
Prints engraved to order with any design, initial or monogram, without extra charge.



The "Facile" IMPROVED IRON FRAME, HAND BABCOCK TESTER

Handsome cast iron case and cover, cut spur, and worm gearing, malleable iron bottle carrier, seamless brass swinging pockets for holding test bottles, enclosed gearing, bottles perfectly horizontal when rotating, turns easily and runs smoothly and noiselessly at a very high speed.

Write for Circulars and Prices



Milk
Bottle.

Connecticut
Cream Bottle.

Milk
Pipette.

Ohlsson Skim
Milk Bottle.

Acid
Measure.

Floating Dairy
Thermometer

PRICE LIST

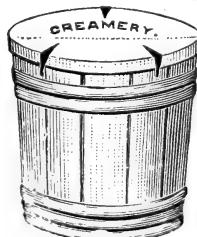
	Each	Each
Babcock Milk Test Bottles.....	\$.20	
" Cream Bottles (30 per cent.)	\$.30	
" Cream Bottles (40 per cent.)	\$.30	
" Cream Bottles (50 per cent.)	\$.35	
Ohlsson Skim Milk Bottles.....	\$.75	
If sent by mail, add 5 cents for postage.		
Wagner Skim Milk Bottles.....	\$.75	
Milk Pipette 17, 6 c. c.....	\$.25	
Cream Pipette 18, c. c.....	\$.25	
Acid Measures.....	\$.20	
Floating Dairy Thermometers.....	\$.25	

THE BOSTON ANTISEPTIC TEAT DILATOR

For conquering hard milking
cows

PRICE

Per Set of Four....\$1.00 postpaid.



BUTTER TUBS

PRICE LIST

10 Pound Tub.....	\$.20.
20 Pound Tub.....	\$.25.
30 Pound Tub.....	\$.35.
50 Pound Tub.....	\$.40.

MILK OR CREAM BOTTLES

CLIMAX TIN TOP



Per Doz.

1 Half-pint	\$.65.
1 Pint	\$.80.
1 Quart	\$.90.
3 Pint	\$1.35.
2 Quart	\$1.60.

Special prices made on these bottles in case lots.

Special prices made to milkmen in full case lots.

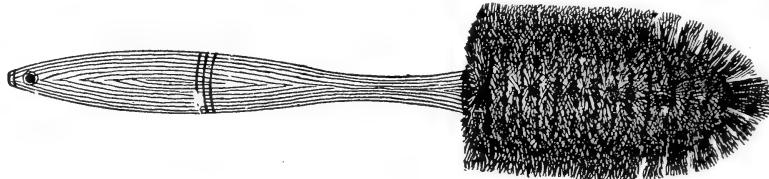


COMMON SENSE MILK BOTTLE CAP

Put up 1,000 in a package.

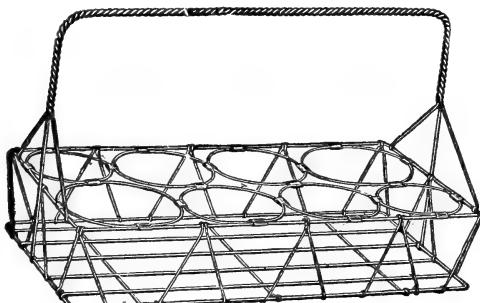
PRICE

Per 1,000.....30 cents.



MILK BOTTLE BRUSHES

Price 25 Cents



Milk Bottle Carriers

6 Pints	\$.60.
6 Quarts	\$.75.
8 Quarts	\$.85.
4-2 Quarts	\$.90.

THREE RING STRICTURE CUTTER FOR COW TEATS



G.P. PILLING & SON CO., PHILA.

Sure remedy for hard-milkers.
Price, postpaid

\$1.50.

Milk Fever Apparatus



The latest improved outfit for the treatment of this fatal malady. A cheap, portable, non-destructible apparatus, for use in cases of Milk Fever, reducing the mortality to almost zero.

Price \$3.50

MILKING TUBES



Self retaining.

Price, postpaid

25 cents.



The DeLaval Separators

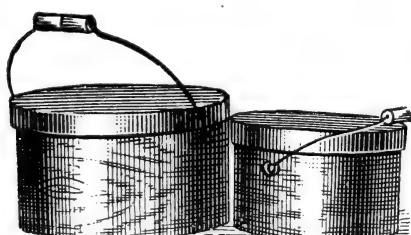
The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Saves \$10 per cow, per year.

Send For Descriptive Catalogue and Prices

The Blanchard Print Butter Carrier

This Carrier is designed more especially for the use of dairymen who deliver their butter directly to the consumer, though they are largely used for express shipments, and are substantially made so as to withstand considerable rough treatment. The trimmings are japanned throughout; the covers are strongly cleated and hinged; the corners are dovetailed; the finish first-class.

No. 6½, capacity 12 lbs., holds 3 trays, each 10½x 9¼ inches, 1½ inches deep.....	\$2.00
No. 7, capacity 16 lbs., holds 4 trays, each 10½x 9¼ inches, 1½ inches deep.....	\$2.25
No. 8, capacity 24 lbs., holds 4 trays, each 10½x13¾ inches, 1½ inches deep.....	\$2.50
No. 9, capacity 32 lbs., holds 4 trays, each 10½x18½ inches, 1½ inches deep.....	\$2.75
No. 10, capacity 40 lbs., holds 5 trays, each 10½x18½ inches, 1½ inches deep.....	\$3.25
No. 11, capacity 48 lbs., holds 6 trays, each 10½x18½ inches, 1½ inches deep.....	\$3.75

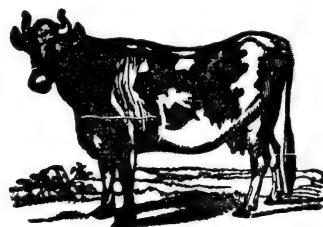


BUTTER BOXES

Oak With Wire Bail.

Four Quart Size	\$.30.
Eight Quart Size	\$.40.

DAIRY COWS NEED

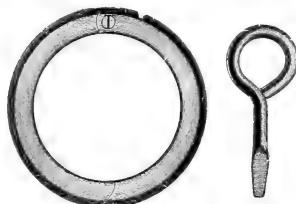


KOW-KURE

THE GREAT COW MEDICINE
FOR COWS ONLY

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kure has stood the test of ten years and is a complete success.

Price 50c and \$1.00



BULL RINGS

Polished Copper

No. 20.	2-inch	.....	20 cents.
No. 20½.	2½-inch	.....	25 cents.
No. 21.	2½-inch	.....	25 cents.
No. 22.	3-inch	.....	30 cents.

BULL SNAPS

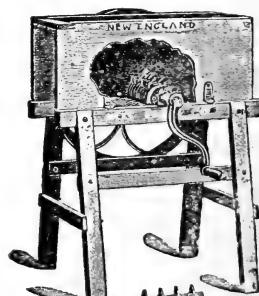


Complete with chain, no handle.....Price, 50 cents.
This price does not include the Bull Ring.

New England Root and Vegetable Cutter

This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives is continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute.

Price \$6.00



Buckley's Patent Watering Device

FOR WATERING STOCK IN STABLE



Water in the stable is a necessity for the proper caring of the stock; it should be of suitable temperature, and the stock should have constant access to it.

This is the most practical and economical device for watering cattle in the stable. The iron basins can be kept clean much easier than any form of wooden trough and there is nothing to wear or rot out.

The check valve at the bottom of each basin prevents clogging of pipes because no hay, meal or other substances can be drawn into them. It also greatly prevents the spread of contagious disease, as the supply of each basin is drawn directly from the main reservoir.

Water from a spring or reservoir is piped into a small tank, and the level of water in the basins is controlled automatically by a float valve on an overflow in this tank.

PRICE

Stanchion Basins, with brass valve seat and aluminum valve.....\$1.50 each

BOILER AND FEED COOKER

This Feed Cooker is so constructed as to get the best possible results from a small amount of fuel. The kettle is of very smooth cast iron, and can be removed from the casing instantly.

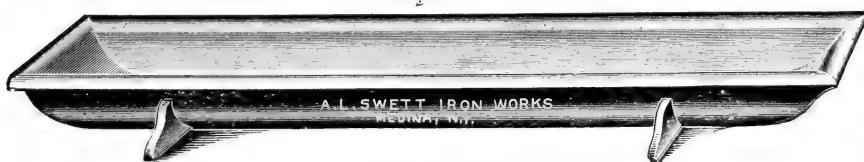
The casing or jacket is cold rolled steel.

PRICES

33	Gal'on	.....	\$12.00.
53	Gallon	.....	\$15.00.
73	Gallon	.....	\$20.00.



Cast Iron Pig Trough



PRICES

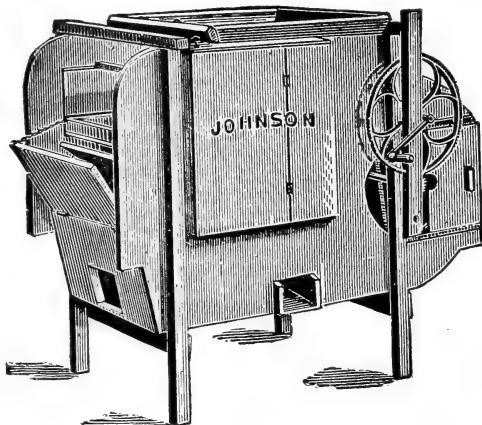
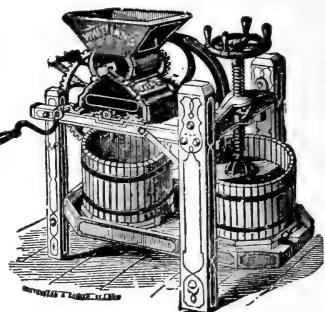
Three	Feet Long, Twelve	Inches Wide.....	\$3.00
Four	Feet Long, Twelve	Inches Wide.....	\$4.00
Five	Feet Long, Twelve	Inches Wide.....	\$5.00

Bay State Cider Mills

Several improvements have been added, such as New Hopper, the Rolls made longer and larger in diameter. New adjustable Crusher or Breaker Roll, which increases the capacity. Grinds the fruit coarse or fine as the grinders are adjustable.

PRICES

No. 3. Large size	\$22.00
No. 2. Medium size	\$18.00
No. 1. Small size	\$13.00



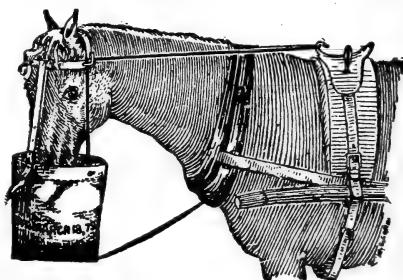
The Johnson Fan Mill

The Fan Mill is indispensable to a well regulated Grain Barn. This mill runs the sound, clean grain to one side of the Mill, while the sand and small seeds pass out at the other, and the heavy chaff and heads are caught in a receptacle behind the machine. It will not only clean grain, but also grass seeds in the best manner.

Price \$17.00



FEED BAGS

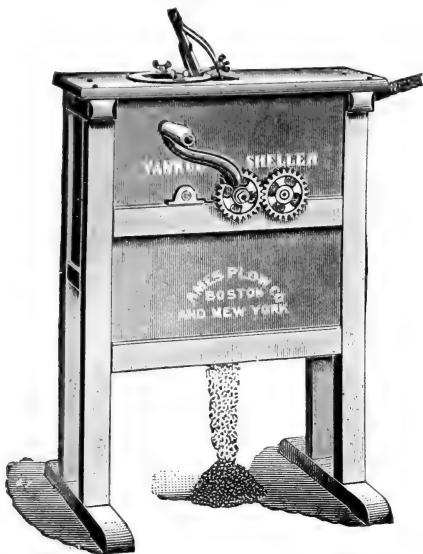


Whitaker's Favorite Feed Bags. .85c each.
Whitaker's B. O. Feed Bags....75c each.

Rich's Patent Lever Feed Cutter

This iron handle lever cutter is so simple and easy to work as to command it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust and keep in repair.

Prices from \$4.00 to \$6.00



YANKEE HAND CORN SHELLER Style A

With Balance Wheel and Separator.

This corn sheller is especially designed to meet the wants of the farmer.

The materials used in construction are selected for the purpose, and shellers are made and finished in a thorough manner.

It has a capacity of from 20 to 25 bushels per hour.

The balance wheel is on the outside of the machine and adds momentum to it.

The separator separates the shelled corn from the cobs without breaking the cobs.

PRICE

Style A, with balance wheel and separator \$8.50

Yankee Corn Sheller

STYLE P

This is the best and most popular corn sheller made. Made largely of malleable iron and very easily adjusted. Can be fastened to any box securely and quickly. Will shell perfectly clean and always throw out cobs. Can be easily run by a child.

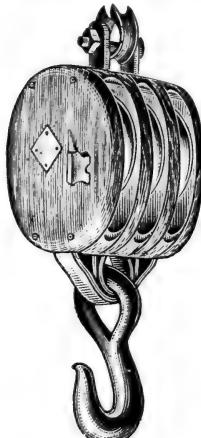


PRICE
Style P \$2.50.

Wine and Lard Presses



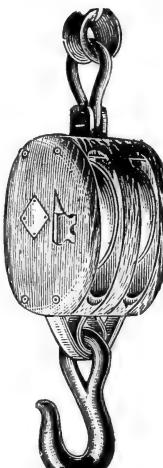
No. 1 \$5.00.
No. 2 \$6.00.



TACKLE BLOCKS

We carry a full line of blocks, both in Common Iron Bushed and in the Patent Roller Bushed Sheaves.

Write for Prices.



HYDRATED LIME

This Lime is specially prepared for use in making Bordeaux Mixture and is being extensively used for that purpose.

Much better results may be obtained from the use of this lime than from the ordinary lime, from the fact that no further slaking or screening is necessary, hence clogging of the sprayer is overcome by its use.

The following has been found to be the most satisfactory formula for making Bordeaux Mixture: Six pounds prepared lime, five pounds copper sulphate and 50 gallons of water.

Prepared Lime is in a powdered form and put up in forty pound paper bags.

Price, per pound 2 cents.

Price, per 40 pound paper bag..... 40 cents.



Sterlingworth Bordeaux Mixture

This mixture is a scientific preparation and combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in a practical and usable shape, as by simply adding water and stirring, it is ready for use.

One gallon will make 50 gallons by the addition of 49 gallons of water. Actual cost to you when ready for use 2 cents per gallon.

It Prevents Potato Rot, Potato Blight, Downy Mildew and Anthracnose of Grape, Peach, Pear and Cherry Blight, Etc.

1 Gallon Can, \$1.00.

1 Quart Can, 40 cents.

Lion Brand Powdered Hellebore Strictly Pure

For destroying Rose Slugs, Currant Worms and Insects on Berries, Bushes, Plants, Shrubs, etc.

1-lb. Package, 30c. ½-lb. Package, 17c. ¼-lb. Package, 10c.

If sent by mail, 16 cents per pound extra.



Sherwin-Williams

Strictly Pure Paris Green



For destroying Potato Bugs, etc. In one and two pound boxes.

We also carry a good stock of Reynold's Paris Green.

Write for Prices.

TROWBRIDGE'S GRAFTING WAX

This is a standard brand of grafting wax and is highly recommended by all who have used it. Put up in convenient packages of 1-lb., ½-lb. and ¼-lb. 1-lb. package, 25c.; ½-lb. package, 15c.; ¼-lb. package, 10c. If sent by mail, postage extra.

COPPER SULPHATE

For Making Bordeaux Mixture. Write for Price.

FISH OIL SOAP WITH TOBACCO

Makes an excellent wash for Trees, Rose Bushes and Plants, destroys insects and their eggs. Price, per pound, 15 cents.



BUG DEATH



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897.

Bug Death kills the potato, squash and cucumber bug, currant and tomato worm, also other plant and vine eating pests.



Dickey Duster

One Pound Package.....	\$.15.	Twelve and One-half Pound Package, \$1.00.
Three Pound Package.....	\$.35.	One Hundred Pound Package.....\$7.50.
Five Pound Package.....	\$.50.	Dickey Duster .....\$ .25.

Send for Circular giving full directions for using Bug Death.

IF USED DRY

Apply with Dickey Bug Death Duster or a cloth bag of right mesh; 12½ to 25 lbs. per acre per application. The more freely used the better the plant will thrive. Dust plant evenly and thoroughly.

PRICE LIST

One Pound Package.....\$.15. Twelve and One-half Pound Package, \$1.00.

Three Pound Package.....\$.35. One Hundred Pound Package.....\$7.50.

Five Pound Package.....\$.50. Dickey Duster\$.25.

Send for Circular giving full directions for using Bug Death.

Cooper's Sheep Dipping Powder

The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

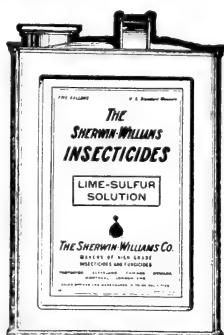
Price per packet.....50 Cents

Will make 25 gallons of wash.

Sherwin-Williams Lime Sulphur Solution

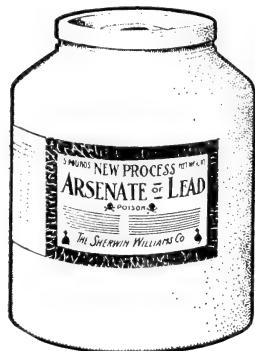
This solution is the result of much experimenting and is ideal for the use of horticulturists. It is a clear, sparkling, cherry-colored liquid, which is made from the very highest grades of lime and sulphur. It is absolutely free from sediment, and in air-tight containers will keep for an indefinite period.

Prices on application.



SHERWIN-WILLIAMS NEW PROCESS ARSENATE OF LEAD

(IN PASTE FORM)



Sherwin-Williams New Process Arsenate of Lead has many advantages over all other arsenical insecticides. It has an advantage over Paris Green, in that it remains in suspension when prepared for use for a longer time and because of its adhesiveness it will stick to the foliage for the longest possible time. It is absolutely harmless to foliage, and as it contains practically no water soluble arsenic, it is the only material of this character that can be applied with safety at the proper strength to the foliage of peach trees.

Arsenate of Lead should be used in proportions varying from one to six pounds of Arsenate of Lead to 50 gallons of water, the quantity of poison being dependent upon the particular leaf-eating insect that it is desired to destroy.

Put up in 1-lb. glass jars; 5-lb., 12½-lb., 25-lb. and 50-lb. wood pails and 100-lb. wood kegs.

Write for prices.

FLOUR OF SULPHUR Used to prevent mildew in grape vines, plants, etc. Valuable to use about the stable and poultry house.

Price, per pound, 5 cents; per 100 lbs. \$4.50.

SULPHATE OF IRON

The Great Weed Destroyer.

By spraying with Sulphate of Iron you can eradicate Wild Mustard, Wild Radish—better known as Kale,—and Wild Turnip from your grain fields.

Price, per 100-lb. Bag \$1.00.

Send for Descriptive Circular telling when and how to use it.

SULPHO-TOBACCO SOAP

A Wonderful and Inexpensive Insecticide.

SULPHO-TOBACCO SOAP is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Destroys cabbage, squash and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines.

3-oz. Cake makes 1½ gallons prepared solution. 10 cents. Mailed, postpaid, for 13 cents.

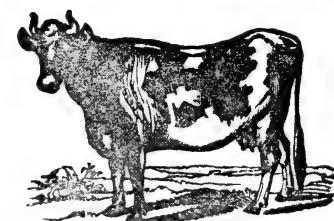
8-oz. Cake makes 4 gallons prepared solution. 20 cents. Mailed, postpaid, for 28 cents.

KNOX-EM-ALL

FLY OIL. THE BEST THING ON THE MARKET

For ridding Horses and Cattle of flies and all insect pests. And Poultry of lice and mites. Gad flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. One hundred per cent. more lasting in effect than any other kinds.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.



Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies apply freely with a good sprayer. For lice spray the roosts, nests, and all places where vermin find lodgment, including the poultry when on the roosts.

Price, per gallon, 60 Cents



SHERWIN-WILLIAMS
PAINTS For all kinds of
Good Painting

We carry a full line of SHERWIN-WILLIAMS PAINTS.

House Paint,

Family Paint,

Floor Paint,

Roof Paint,

Buggy Paint,

Wagon Paint,

Enamel Paint,

Screen Enamel.

Bath Enamel,

Stove Pipe Enamel,

Aluminum Paint,

Varnish Stain,

Oil Stain,

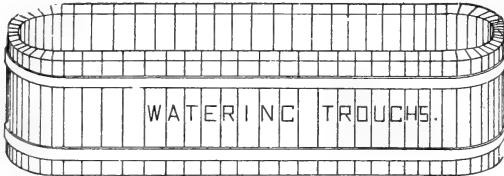
Floor Varnish,

Floor Wax,

Crack and Seam Filler.

SHERWIN-WILLIAMS VARNISHES.

WATERING TROUGHS



WATERING TROUGHS.

These Watering Troughs are made of 2-inch selected White Pine, 24 inches wide, 22 inches high, outside measure. They are perfectly tight and very durable. They are the cheapest and best style of Watering Troughs on the market. Made in any length.

Price, \$1.50 per foot in length.

Cow Tail Holder and Milk Protector



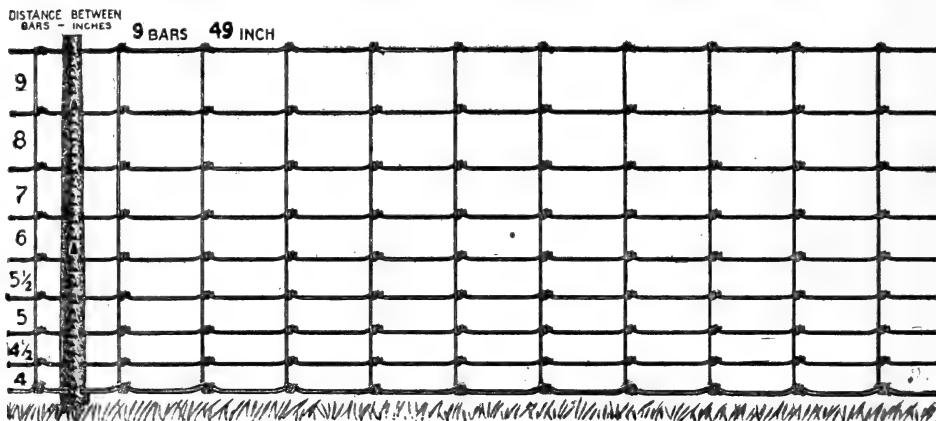
A necessity to every progressive dairyman, who wants to keep his clothes and milk clean, as the tail is held by the patent spring that allows no switching of the tail.

It is made of spring steel and copper and will last a lifetime.

By pressing on the clamp, it is easily adjusted, as well as released, and always ready for use, as it is attached to the ceiling one foot back of the cow by a two-foot chain, and cannot be carried out into the pasture by the cow.

Price, postpaid 10 cents each.

NATIONAL FARM FENCE



Design Number 949.

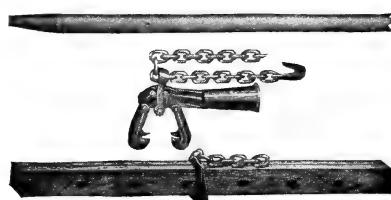
Rolls 10 and 20 rods each.

National Fence is designed and built to please and satisfy the fence user; it embodies all the good features of the old fences and a lot of new and essential features that cannot be secured in the old styles.

The sizes of the wire are right, as well as the spacing, making an ideal fence for all purposes.

The National Lock that holds the stay to the bars is simply perfect, smooth, neat, and it never lets go.

We carry this fence in several heights; also a stock of the National Poultry Fence. Send for Descriptive Catalogue and Prices.



THE LOTT STRETCHER

For Stretching Woven Wire Fence.

A very safe, rapid, powerful and durable stretcher.

This stretcher is operated with a long lever and is very simple to operate.

Price, without lever.....\$4.50.



WIRE SPLICERS

Necessary and convenient for splicing wire in woven wire fence or elsewhere. Inexpensive and does the work well.

Price10 cents each.



A. S. & W. SINGLE WIRE STRETCHER

A very practical, single wire stretcher and gives the best of satisfaction wherever used.

It does not injure the wire, but has a grip that never slips.

It is all metal and will work in any position.

Price\$1.00.

AMERICAN FENCE TOOL

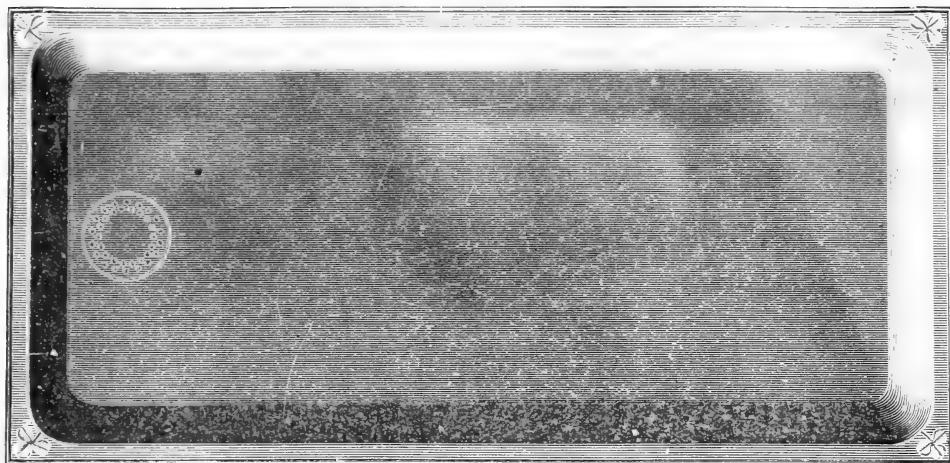


A very convenient tool made of fine steel, especially adapted to fence building purposes. It is a staple puller, hammer, cutter, plier, etc.

Price\$1.00.

CAST IRON SINKS

CLOVER LEAF PATTERN



This superior sink is recognized and endorsed by builders and plumbers as the best. It is heavy, strong, straight, and has a most perfect surface. The edge is furnished with a raised head, which adds to the neatness and prevents wetting the outside finish. It will drain to the cesspool end if set level.

SIZES AND PRICES

Length	Width	Depth	Price
2 feet,	16 inches,	4½ inches.....	\$2.00
2½ feet,	18 inches,	5 inches.....	\$2.25
3 feet,	20½ inches,	5 inches.....	\$2.50
3½ feet,	22 inches,	5 inches.....	\$3.00
4 feet,	24 inches,	5 inches.....	\$4.00
4½ feet,	24 inches,	5 inches.....	\$5.00
5 feet,	24 inches,	5 inches.....	\$6.00

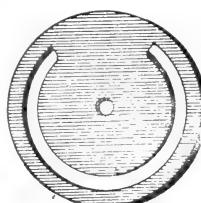
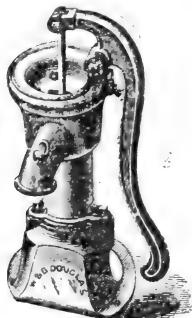
HOUSE PUMPS

We carry a complete line of cistern and pitcher pumps, outdoor pumps, force pumps, wind-mill pumps, etc.

Send for our catalogue on pumps and water supplies.

PUMP LEATHERS

We carry a complete line of leathers for all styles of pumps.



PUMPS

BARNES "JUPITER" DOUBLE-ACTING FORCE PUMP

With Reversible Air Chamber and Malleable Iron Lever.

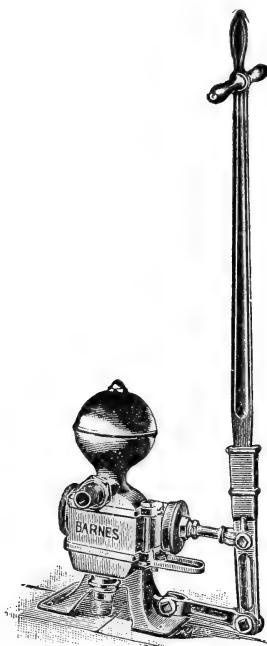


Fig. 13A

Fig. 13A shows our New Improved "Jupiter" Double-Acting Force Pump, which is especially adapted for elevating water from cisterns to tanks in upper stories of residences, and is much more reliable than any water motor ever made, as it can be depended upon at all times. It is also used largely for cleaning and filling boilers and for fire protection, or can be used as a deck pump and many other purposes. All sizes fitted with our New Improved Brass Valves. Brass plugs are provided for draining cylinder to prevent freezing, and also for priming when necessary. The air chamber can be reversed so that discharge may be used on either side. The suction and discharge are always fitted for iron pipe unless otherwise ordered, but can be fitted for hose or lead pipe if specified.

All Brass Pumps, for pumping acids, furnished to order.

SIZES AND PRICES

Number	Diameter		Stroke	Suction	Discharge	List Price	Brass Lined Cylinder
	Cylinder	Inches					Retail Price
1,	2½,		5,	1¼,	1,	\$18.00	\$12.00
2,	3,		5,	1¼,	1¼,	\$21.00	\$14.00

PLUMBERS' FORCE PUMP

Fig. 14A represents a very effective force pump, weighing only about eight pounds. It can be carried about anywhere without the least difficulty. It is adapted for spraying fruit trees, washing windows, wagons, sprinkling lawns, conservatories, gardens, and for incipient fires. With each pump is sent suction and discharge hose connected, so that it requires no labor to put in immediate operation. Longer length of hose can be furnished, if desired. Pump has brass cylinder, plunger and rod.

SIZE AND PRICES

List Price	Retail Price
---------------	-----------------

Fitted with 2½ feet, ¾-inch suction and 3 feet, ⅜-inch discharge hose, brass discharge pipe and sprinkler.....	\$9.00	\$6.00
Extra for conical tip to use in forcing out pipes, net.....	\$1.00	\$.50
Send for catalogue of pumps, water supplies, windmills, etc.		



Fig. 14A

PUMPS

BARNES EXTRA HEAVY STOCK PUMP

With Wrought Iron Set Lengths Anti-Freezing. Open Top.

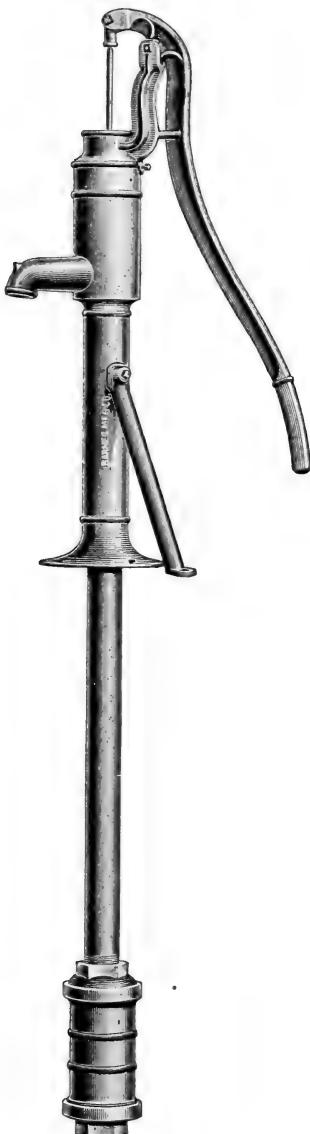


Fig. 18A

Fig. 18A represents our New Improved Heavy Lift Pump, which is especially adapted for stock purposes where large quantities of water are required from shallow wells. The handle is extra long and all parts of the pump are extra heavy. The spout has full 2-inch opening and the chamber or reservoir is large, thus causing practically a steady flow of water. The size of the plunger rod is $\frac{1}{2}$ -inch. It is built throughout to stand heavy service. All parts are lettered and numbered, thus avoiding errors in ordering repairs.

SIZES AND PRICES

Number	Diameter Cylinder Inches	Size Set Length Pipe and Section Inches	Stroke, Inches	Brass Lined Cylinder	
				Manuf'r's Price.	R.B.D. & Co.'s Price.
6	$3\frac{1}{2}$	$1\frac{1}{2}$	6	\$12.00	\$ 9.00
8	$4\frac{1}{4}$	2	6	15.00	11.00
10	5	$2\frac{1}{2}$	6	18.00	14.00
12	6	$2\frac{1}{2}$	6	22.00	16.00

WOOD PUMPS

In the manufacture of these none but the very best of material is used. Every pump is warranted to give perfect satisfaction.

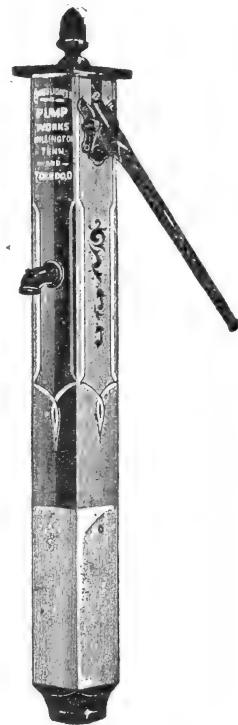
PRICE LIST

Porcelain Lined. Made from 6x6-inch stock,
3½-inch bore, for general use.

	Manuf'r's Price	R. B. D. & Co.'s Price
6 feet long.....	\$ 7.00	\$3.85
7 feet long.....	\$ 7.60	\$4.15
8 feet long.....	\$ 8.20	\$4.50
10 feet long.....	\$ 9.40	\$5.10
12 feet long.....	\$10.60	\$5.75
14 feet long.....	\$11.80	\$6.40

UNLINED

7 feet long.....	\$ 6.10	\$3.35
8 feet long.....	\$ 6.70	\$3.65
4x4 inch pipe for above pumps, per ft.....	\$.21	\$.13
Couplings and bands.....	\$.50	\$.30



LARGE STOCK PUMP

Porcelain Lined. 8x8-inch stock, 4½-inch bore.

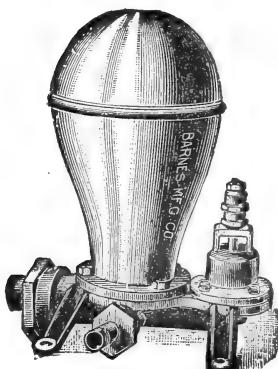
	Manuf'r's Price	R. B. D. & Co.'s Price
7 feet long.....	\$11.50	\$6.90
8 feet long.....	\$12.50	\$7.50
10 feet long.....	\$14.50	\$8.70
5x5 inch pipe for pumps, per ft.....	\$.40	\$.25
Couplings and bands.....	\$.60	\$.36

Prices on Extra Length Pumps for Deep Wells
Furnished on Application.

Hydraulic Ram

For Supplying Dwellings, Factories, Stock Yards, Etc.
with Running Water

N. B.—Length of the drive or supply pipe should not be less than three-quarters of the height to which the water is to be raised, or five times the height of supply; it may, however, be longer.



SIZES AND PRICES

—Calibre of Pipes—

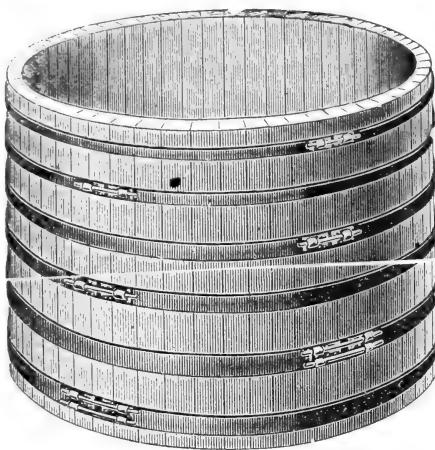
No.	Drive Inches	Discharge Inches	Manuf'r's Price	R. B. D. & Co.'s Price
2	¾	½	\$ 9.00	\$ 7.50
3	1	½	\$ 11.00	\$ 9.00
4	1¼	¾	\$ 14.00	\$ 11.00
5	2	1	\$ 22.00	\$ 17.00
6	2½	1¼	\$ 40.00	\$ 32.00
7	3	1½	\$ 75.00	\$ 60.00
8	4	2	\$125.00	\$100.00

Send for Catalogue of Pumps, Water Supplies,
Windmills, Etc.

ROUND TANKS

Cypress
White Pine
and
White Cedar

Fitted With
Patent Draw Lugs



Made of
Two-Inch
Lumber

Guaranteed not to
Leak if properly
set up

MADE IN ALL SIZES. WRITE FOR PRICES

The "Globe" Rubber Bucket Chain Pump

These pumps are constructed in the most thorough manner and of the best material obtainable.



PRICE LIST

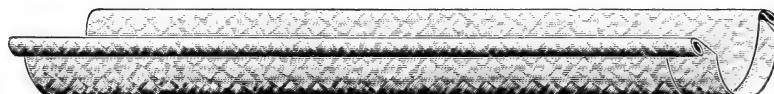
Globe Pump Curbs.....	\$2.00
Chain Pump Tubing, per ft.....	\$.05
Galvanized Pump Chain, per ft.....	\$.04
Rubber Buckets, per set of three.....	\$.45

In wells 20 feet deep, or over, it is better to use four rubber buckets, instead of three.

Galvanized Eaves Trough

SLIP JOINT SINGLE BEAD

Sold in 10 foot lengths only.



PRICES

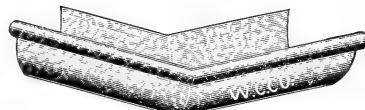
Size	Manuf'r's Price	R. B. D. & Co.'s Price
3 inch	\$.14 per ft.	\$.05 per ft.
3½ inch	\$.15 per ft.	\$.06 per ft.
4 inch	\$.17 per ft.	\$.08 per ft.
5 inch	\$.20 per ft.	\$.10 per ft.
6 inch	\$.24 per ft.	\$.12 per ft.

GALVANIZED EAVES TROUGH MITERS

PRICES

Size	Manuf'r's Price	R. B. D. & Co.'s Price
3 inch	\$.35 each	\$.25 each
3½ inch	\$.35 each	\$.25 each
4 inch	\$.40 each	\$.30 each
5 inch	\$.45 each	\$.35 each
6 inch	\$.50 each	\$.40 each

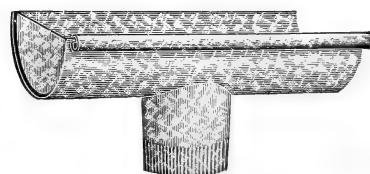
Outside Miter, Right or Left



GALVANIZED EAVES TROUGH END PIECES WITH CAP

PRICES

Size	Manuf'r's Price	R. B. D. & Co.'s Price
3 inch	\$.35 each	\$.25 each
3½ inch	\$.35 each	\$.25 each
4 inch	\$.40 each	\$.30 each
5 inch	\$.45 each	\$.35 each
6 inch	\$.50 each	\$.40 each



End Piece with Cap

WIRE EAVES TROUGH HANGER

PRICES

Size	Manuf'r's Price	R. B. D. & Co.'s Price
3 inch	\$.04 each	\$.02 each
3½ inch	\$.04 each	\$.02 each
4 inch	\$.05 each	\$.03 each
5 inch	\$.06 each	\$.04 each
6 inch	\$.07 each	\$.05 each

Wire Eaves Trough Hanger



GALVANIZED CONDUCTOR PIPE AND FITTINGS

ROUND CORRUGATED CONDUCTOR PIPE

PRICE, PER FOOT

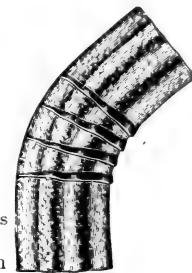


Size	Manuf'r's Price	R. B. D. & Co.'s Price
2 inch	\$.13 per ft.	\$.06 per ft.
3 inch	\$.15 per ft.	\$.08 per ft.
4 inch	\$.20 per ft.	\$.10 per ft.

Sold in 10 foot lengths only.

GALVANIZED CONDUCTOR ELBOWS

Number 1, 45 degrees. Number 2, 60 degrees.
Number 3, 75 degrees. Number 4, 90 degrees.

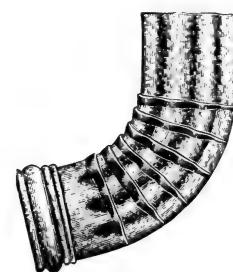


Number 1
Conductor Elbow

Prices of Nos. 1, 2, 3 and 4

Size	Manuf'r's Price	R. B. D. & Co.'s Price
2 inch	\$.25 each	\$.12 each
3 inch	\$.30 each	\$.15 each
4 inch	\$.60 each	\$.30 each

GALVANIZED CONDUCTOR SHOES



Number 3
Conductor Shoe

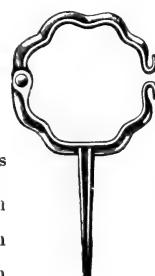
Prices of No. 3 Shoes, 75 degrees

Size	Manuf'r's Price	R. B. D. & Co.'s Price
2 inch	\$.36 each	\$.15 each
3 inch	\$.45 each	\$.20 each
4 inch	\$.75 each	\$.30 each

HINGED CONDUCTOR HOOKS

PRICES

Size	Manuf'r's Price	R. B. D. & Co.'s Price
2 inch	\$.07 each	\$.05 each
3 inch	\$.09 each	\$.06 each
4 inch	\$.11 each	\$.08 each



Hinged Conductor
Hook



BEE KEEPERS' SUPPLIES

The Dovetailed Hive

The Dovetailed Hive is taking the lead of the single walled hives, as it contains many of the most desirable features of the various hives for the rapid handling of bees and is one of the cheapest hives manufactured.

It is dovetailed together as shown in cut and that is what gives it its name.

We carry these hives in both eight and ten frame, fitted with two supers. Write for Prices.

We carry bee hives in the flat only.

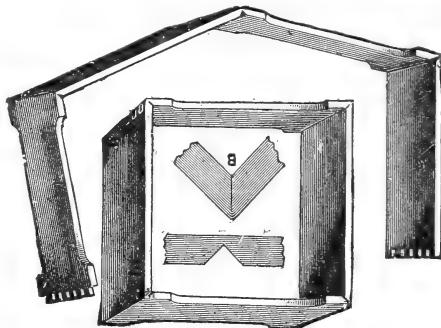
One Piece Section-Honey Boxes

These sections are made from selected white basswood and are sand papered and rubbed to a smooth, high polish. We carry nothing but No. 1 sections in stock and are put up in boxes containing 500 each.

Size $4\frac{1}{4} \times 4\frac{1}{4}$, width $1\frac{1}{8}$ inches, and $\frac{1}{8}$ -in. thick
 Size $4\frac{1}{4} \times 4\frac{1}{4}$, width $1\frac{1}{2}$ inches, and $\frac{1}{8}$ -in. thick
 Size $3\frac{5}{8} \times 5$, width $1\frac{1}{2}$ inches, and $\frac{1}{8}$ -in. thick
 Size 4×5 , width $1\frac{1}{2}$ inches, and $\frac{1}{8}$ -in. thick

PRICE LIST

Per 100	\$.80.
Per 500	\$3.00.
Per 1,000	\$5.50.



Double Grooved Foundation Fastening Hoffman Self-Spacing Brood Frames



As thick-top frames, practically prevent the building up burr combs, frames with a thick top bar are almost universally used. The top bar is $\frac{7}{8}$ -in. thick and $1\frac{1}{8}$ -in. wide. The top bar is made with a double groove on the under side. One of the grooves is fitted with a bevel strip which presses the thin piece between the grooves against the foundation holding it perfectly straight and exactly in the center of the top bar. To put in foundation, insert edge in the groove in center of top bar, slip in the wedge in other groove and tack in place with two or three small wire nails.

Prices not set up

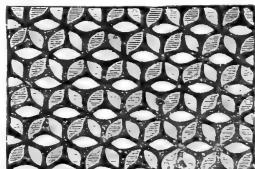
Per lot of 10.....\$.40. Per lot of 100.....\$3.25.

COMB FOUNDATION

This foundation is made from the best grade of pure beeswax and before being made into foundation is entirely cleansed of all foreign substances.

PRICES

Standard Brood...58c per lb. Light Section...65c per lb.
 If foundation is wanted by mail, add 25 cents per pound for postage.



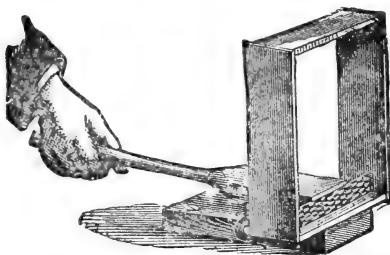
BEE KEEPER'S SUPPLIES

GLOBE BEE VEIL

Has five cross bars riveted through the center at the top. These button to studs on the neckband. The bars are light spring steel, the neckband is of hard spring brass and the cover is of handsome, light material. It is very easily put together—no trouble to put on or take off. It protects against mosquitoes, flies, bees, gnats, etc. The veil weighs only five ounces. Price, \$1.00.



Parker's Machine for Fastening Starters in Section Boxes

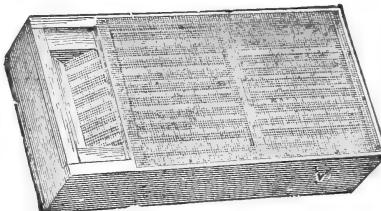


Fasten machine to table with screws that are sent with it. Dampen the underside of point of lever with honey or water to prevent its sticking to the foundation. Place section in position with strip of foundation just under the end of lever; press lever down on foundation by lifting handle, turn foundation up against end of lever and slide lever off of foundation by lifting on handle and drawing it backward, which fastens the foundation to section.

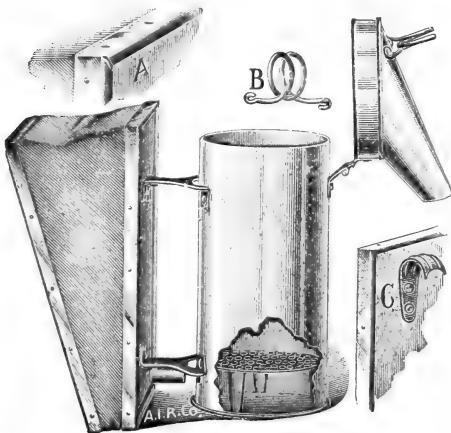
Price for $4\frac{1}{4} \times 4\frac{1}{4}$ section. 30 cents.
By mail 45 cents.

PAGE FEEDER

One of the best feeders for feeding over the brood nest. It is made from a solid block of wood and is covered with wire cloth. It has a bee space under bottom and also at top between wire cloth and top of partitions. Bees cannot escape while feeder is being filled. A small hole cut in mat and feeder set over same will be found a convenient way of using it, but it can be used in many ways.



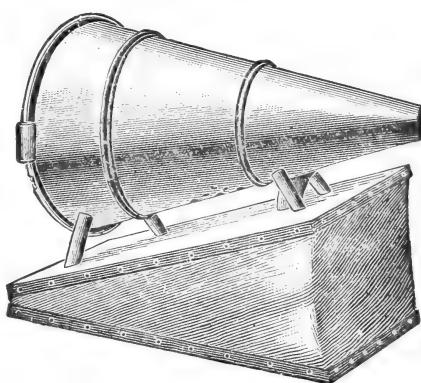
Each nailed up complete, 40c.; by mail, 65c.



Standard Cornel Smoker

Price, 90c each. By mail, \$1.15 each.

We also carry the Cleated Separators or Fences for the $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$ -inch plain section boxes and for the $3\frac{5}{8} \times 5 \times 1\frac{1}{2}$ -inch plain section boxes.



Clark's Cold Blast Smoker

Price, 60c. By mail, 85c.

Books on the Farm, Orchard and Garden

A. B. C. of Agriculture. A valuable work for all interested in farming and gardening. Illustrated, 66 pages, 5x7 inches. Cloth.....\$.50

Clovers and How to Grow Them. By Thomas Shaw. Illustrated, 5x8 inches, 337 pages. Cloth.....\$1.00

Farm Grasses of the United States. By William Jasper Spillman. Illustrated, 248 pages, 5x7 inches. Cloth.....\$1.00

The Book of Alfalfa. By F. D. Coburn. Illustrated. Bound in cloth, 336 pages, 6 $\frac{1}{2}$ x9 inches. Latest edition.....\$2.00

Spraying Crops. By C. M. Weed. Illustrated, 140 pages, 5x7 inches. Cloth.....\$.50

Manual of Agriculture. By Emerson and Flint. Illustrated, 284 pages, 5x7 inches. Cloth.....\$1.00

Chemistry of the Farm. By R. Warrington, F. C. S. Treating with the utmost clearness and conciseness, and in the most popular manner possible, of the relation of chemistry to agriculture, 120 pages, 5x7 inches. Cloth.....\$1.00

Farm Appliances. Describing numerous useful and labor saving appliances, of great value in farm work, 250 illustrations, 192 pages, 5x7 inches. Flexible cloth.....\$.50

Fences, Gates and Bridges. A much-needed and valuable work. Over 100 engravings, 192 pages, 5x7 inches. Flexible cloth.....\$.50

How Crops Grow. By Prof. Samuel W. Johnson of Yale college. A treatise on the chemical composition, structure and life of the plant. With numerous illustrations and tables of analysis, 416 pages, 5x7 inches. Cloth.....\$1.50

Peddler's Land Measure for Farmers. A convenient pocket companion, showing at once the contents of any piece of land, when its length and width are known, up to 1,500 feet either way, 144 pages, 4x6 $\frac{1}{2}$ inches. Cloth.....\$.50

Forage Crops Other Than Grasses. How to cultivate, harvest and use them. By Thomas Shaw. Illustrated, 287 pages, 5x7 inches. Cloth.....\$1.00

Bommer's Method of Making Manures. By George Bommer. A practical guide for making manures on the farm, 86 pages, 9 $\frac{1}{2}$ x6 inches. Paper.....\$.25

Soils and Crops of the Farm. By George E. Morrow, M. A., and Thomas F. Hunt. The methods of making available the plant food in the soil, and history of the farm crops. Illustrated, 310 pages, 5x7 inches. Cloth.....\$1.00

Soiling Crops and the Silo. By Thomas Shaw. How to cultivate and harvest crops; how to build and fill a silo; how to use silage, 364 pages, 5x7 inches. Cloth.....\$1.50

Draining for Profit and Draining for Health. By George E. Waring, Jr. Illustrated, 252 pages, 5x7 inches. Cloth.....\$1.00

Farm Drainage. By Judge French of New Hampshire, 384 pages, 5x7 inches. Cloth.....\$1.00

Land Drainage. By Manly Miles. Illustrated, 200 pages, 5x7 inches. Cloth.....\$1.00

All books sent postpaid on receipt of price

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Lbs. per Bush	Lbs. per Bush.	Lbs. per Bush.	Lbs. per Bush.	Lbs. per
Apples	44	Corn Meal	50	Potatoes (heaping
Barley	48	Charcoal	22	measure)
Beans	60	Hungarian	48	60
Buckwheat	48	Rye	56	
Blue Grass, Ken- tucky	14	Salt, Coarse	70	Cubic Feet.
Clover Seed	60	Millett	50	
Corn shelled	56	Oats	32	Hay, well settled....4½
Corn on ear	70	Orchard Grass	14	Corn, on cob, in bin 22
		Onions	52	Corn, shelled in bin, 45
		Peas, Smooth	60	Wheat, in bin....48
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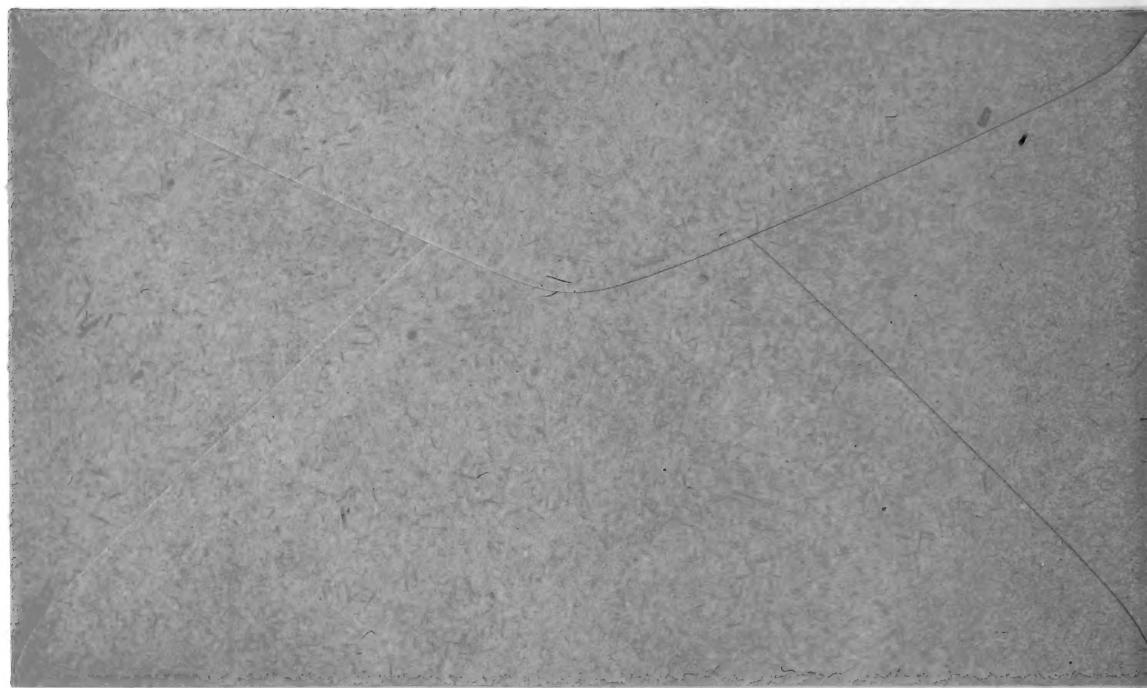
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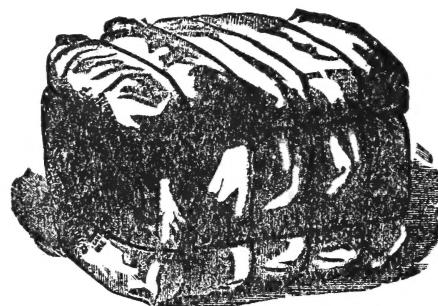
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